

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
 Data File : VD079915.D
 Acq On : 26 Sep 2024 18:23
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025918

Quant Time: Sep 27 01:42:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 01:31:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/27/2024
 Supervised By :Semsettin Yesilyurt 09/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	129572	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	127204	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	65123	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	103681	18.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.600%
7) Chloroethane-d5	2.799	69	102456	22.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.880%
11) 1,1-Dichloroethene-d2	3.922	65	18841	18.418	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.680%
21) 2-Butanone-d5	6.981	46	24258	46.340	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.680%
24) Chloroform-d	7.569	84	99861	23.446	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	8.234	65	52525	23.583	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.320%
32) Benzene-d6	8.204	84	203776	22.691	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.760%
36) 1,2-Dichloropropane-d6	9.210	67	63177	22.970	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.880%
41) Toluene-d8	10.269	98	185786	23.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.040%
43) trans-1,3-Dichloroprop...	10.522	79	26908	22.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.040%
47) 2-Hexanone-d5	10.875	63	21761	48.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	51446	25.454	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	13.810	152	58325	23.749	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	45027	18.224	ug/L	96
3) Chloromethane	2.146	50	90318	20.854	ug/L	100
5) Vinyl chloride	2.281	62	123835	23.333	ug/L	99
6) Bromomethane	2.693	94	78417	29.344	ug/L	92
8) Chloroethane	2.834	64	89077	25.404	ug/L	97
9) Trichlorofluoromethane	3.169	101	89428	23.435	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	44600	21.115	ug/L	98
12) 1,1-Dichloroethene	3.940	96	41856	21.276	ug/L	87
13) Acetone	4.034	43	27982m	43.844	ug/L	
14) Carbon disulfide	4.269	76	117000	18.283	ug/L	99
15) Methyl Acetate	4.558	43	22821	22.448	ug/L #	80
16) Methylene chloride	4.799	84	55276	21.590	ug/L	94
17) trans-1,2-Dichloroethene	5.310	96	47162	22.483	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	114936	24.356	ug/L #	89
19) 1,1-Dichloroethane	6.116	63	98993	23.758	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	57204	24.767	ug/L	90
22) 2-Butanone	7.087	43	32214	43.029	ug/L	95
23) Bromochloromethane	7.422	128	23892	24.373	ug/L	92
25) Chloroform	7.599	83	109058	25.144	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
 Data File : VD079915.D
 Acq On : 26 Sep 2024 18:23
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025918

Quant Time: Sep 27 01:42:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 01:31:41 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/27/2024
 Supervised By :Semsettin Yesilyurt 09/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	65248	24.613	ug/L	96
29) Cyclohexane	7.881	56	65433	20.796	ug/L	99
30) 1,1,1-Trichloroethane	7.798	97	84489	24.367	ug/L	99
31) Carbon tetrachloride	7.993	117	74593	24.281	ug/L	98
33) Benzene	8.251	78	232102	24.504	ug/L	100
34) Trichloroethene	9.028	95	52691	24.075	ug/L	96
35) Methylcyclohexane	9.275	83	75238	21.302	ug/L	98
37) 1,2-Dichloropropane	9.304	63	65737	25.449	ug/L #	100
38) Bromodichloromethane	9.581	83	76944	25.564	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	92080	25.385	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	64183	47.466	ug/L	100
42) Toluene	10.334	91	258984	25.958	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	82006	25.653	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	45275	25.654	ug/L	93
46) Tetrachloroethene	10.810	164	37578	25.290	ug/L	96
48) 2-Hexanone	10.922	43	53253	48.417	ug/L	99
49) Dibromochloromethane	11.075	129	49587	25.742	ug/L	97
50) 1,2-Dibromoethane	11.175	107	35775	23.470	ug/L	92
51) Chlorobenzene	11.604	112	155324	25.941	ug/L	95
52) Ethylbenzene	11.681	91	277840	26.509	ug/L	99
53) m,p-Xylene	11.792	106	107567	27.096	ug/L	97
54) o-Xylene	12.116	106	105813	27.184	ug/L	92
55) Styrene	12.134	104	190691	27.875	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	53090	25.664	ug/L	96
59) Bromoform	12.298	173	27554	24.510	ug/L #	98
60) Isopropylbenzene	12.416	105	283804	25.242	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	37863	23.653	ug/L	98
62) 1,3,5-Trimethylbenzene	12.898	105	218790	26.608	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	219770	25.486	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	117750	25.342	ug/L	97
65) 1,4-Dichlorobenzene	13.533	146	121481	24.926	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	106776	25.425	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.439	75	7571	23.116	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	69370	24.622	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	56747	23.923	ug/L	99
71) Naphthalene	15.328	128	121079	22.853	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	51312	24.183	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
 Data File : VD079915.D
 Acq On : 26 Sep 2024 18:23
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025918

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 09/27/2024
 Supervised By : Semsettin Yesilyurt 09/27/2024

Quant Time: Sep 27 01:42:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 01:31:41 2024
 Response via : Initial Calibration

