

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091324\
 Data File : VD079830.D
 Acq On : 13 Sep 2024 10:15
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025906

Quant Time: Sep 13 23:45:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 00:16:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/16/2024
 Supervised By :Semsettin Yesilyurt 09/16/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	164989	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	160687	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	80651	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	147781	20.599	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.400%
7) Chloroethane-d5	2.805	69	120722	21.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	3.922	65	27560	21.158	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.640%
21) 2-Butanone-d5	6.987	46	29317	43.982	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.960%
24) Chloroform-d	7.563	84	125729	23.182	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.720%
26) 1,2-Dichloroethane-d4	8.228	65	68232	24.059	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.199	84	273214	24.084	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.320%
36) 1,2-Dichloropropane-d6	9.210	67	82259	23.675	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.720%
41) Toluene-d8	10.269	98	255130	25.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.240%
43) trans-1,3-Dichloroprop...	10.522	79	35144	23.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.120%
47) 2-Hexanone-d5	10.875	63	28186	49.765	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.540%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	65365	25.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	13.810	152	70828	23.287	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	70255	22.331	ug/L	99
3) Chloromethane	2.146	50	112422	20.385	ug/L	99
5) Vinyl chloride	2.281	62	148497	21.974	ug/L	100
6) Bromomethane	2.699	94	82237	24.168	ug/L	94
8) Chloroethane	2.840	64	98465	22.054	ug/L	99
9) Trichlorofluoromethane	3.175	101	110265	22.693	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	62237	23.140	ug/L	97
12) 1,1-Dichloroethene	3.940	96	56226	22.445	ug/L	90
13) Acetone	4.016	43	38939	47.915	ug/L	95
14) Carbon disulfide	4.269	76	177166	21.742	ug/L	98
15) Methyl Acetate	4.569	43	29389m	22.703	ug/L	
16) Methylene chloride	4.799	84	70387	21.590	ug/L	95
17) trans-1,2-Dichloroethene	5.310	96	62709	23.477	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	138083	22.980	ug/L #	87
19) 1,1-Dichloroethane	6.110	63	124193	23.408	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	67828	23.063	ug/L	99
22) 2-Butanone	7.081	43	44320	46.491	ug/L	95
23) Bromochloromethane	7.434	128	29972	24.012	ug/L	82
25) Chloroform	7.593	83	131496	23.810	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	79180	23.457	ug/L	97
29) Cyclohexane	7.881	56	94566	23.793	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	107758	24.602	ug/L	97
31) Carbon tetrachloride	7.993	117	97153	25.035	ug/L	100
33) Benzene	8.251	78	291194	24.337	ug/L	100
34) Trichloroethene	9.028	95	66680	24.118	ug/L	97
35) Methylcyclohexane	9.275	83	111524	24.996	ug/L	97
37) 1,2-Dichloropropane	9.304	63	80381	24.634	ug/L #	100
38) Bromodichloromethane	9.587	83	91761	24.134	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	113035	24.669	ug/L	90
40) 4-Methyl-2-pentanone	10.157	43	85751	50.202	ug/L	99
42) Toluene	10.328	91	320717	25.447	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	101484	25.131	ug/L	97
45) 1,1,2-Trichloroethane	10.728	97	55975	25.108	ug/L	99
46) Tetrachloroethene	10.810	164	47260	25.179	ug/L	93
48) 2-Hexanone	10.922	43	71417	51.401	ug/L	98
49) Dibromochloromethane	11.075	129	61620	25.323	ug/L	98
50) 1,2-Dibromoethane	11.181	107	47380	24.606	ug/L	93
51) Chlorobenzene	11.604	112	188544	24.928	ug/L	97
52) Ethylbenzene	11.681	91	339580	25.648	ug/L	99
53) m,p-Xylene	11.792	106	130113	25.946	ug/L	95
54) o-Xylene	12.122	106	124371	25.294	ug/L	99
55) Styrene	12.134	104	228964	26.495	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	68836	26.342	ug/L	96
59) Bromoform	12.298	173	34448	24.743	ug/L #	98
60) Isopropylbenzene	12.416	105	334599	24.030	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	45108	22.754	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	255097	25.050	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	251185	23.521	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	139690	24.276	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	143770	23.820	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	125555	24.141	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	9865	24.321	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	80664	23.119	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	67342	22.923	ug/L	99
71) Naphthalene	15.328	128	147394	22.464	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	63332	24.101	ug/L	99

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

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