

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091724\
 Data File : VD079855.D
 Acq On : 17 Sep 2024 17:02
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025910

Quant Time: Sep 18 04:52:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 18 04:50:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/18/2024
 Supervised By :Semsettin Yesilyurt 09/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	166931	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	168221	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	84648	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	121237	16.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.800%
7) Chloroethane-d5	2.799	69	108016	18.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	3.911	65	22375	16.978	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.920%
21) 2-Butanone-d5	6.981	46	27308	40.491	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.980%
24) Chloroform-d	7.563	84	114186	20.809	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.240%
26) 1,2-Dichloroethane-d4	8.234	65	60693	21.152	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	8.199	84	235019	19.789	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.160%
36) 1,2-Dichloropropane-d6	9.210	67	74666	20.528	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.120%
41) Toluene-d8	10.269	98	214842	20.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.240%
43) trans-1,3-Dichloroprop...	10.528	79	32119	20.539	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.160%
47) 2-Hexanone-d5	10.875	63	24660	41.590	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.180%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	57762	21.611	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.440%
66) 1,2-Dichlorobenzene-d4	13.810	152	66414	20.805	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	57952	18.206	ug/L	96
3) Chloromethane	2.146	50	111163	19.923	ug/L	95
5) Vinyl chloride	2.281	62	136781	20.005	ug/L	99
6) Bromomethane	2.693	94	82907	24.081	ug/L	98
8) Chloroethane	2.834	64	95474	21.135	ug/L	91
9) Trichlorofluoromethane	3.169	101	95709	19.468	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	55433	20.371	ug/L	97
12) 1,1-Dichloroethene	3.940	96	50317	19.853	ug/L	89
13) Acetone	4.022	43	40790	49.609	ug/L	73
14) Carbon disulfide	4.269	76	154366	18.723	ug/L	99
15) Methyl Acetate	4.569	43	28612m	21.846	ug/L	
16) Methylene chloride	4.805	84	70195	21.281	ug/L	99
17) trans-1,2-Dichloroethene	5.316	96	58043	21.478	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	139596	22.962	ug/L	99
19) 1,1-Dichloroethane	6.105	63	122413	22.804	ug/L	92
20) cis-1,2-Dichloroethene	7.075	96	70320	23.632	ug/L	96
22) 2-Butanone	7.081	43	45255	46.920	ug/L	94
23) Bromochloromethane	7.428	128	29441	23.312	ug/L	86
25) Chloroform	7.593	83	124982	22.367	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	80177	23.476	ug/L	98
29) Cyclohexane	7.881	56	80813	19.422	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	97630	21.291	ug/L	99
31) Carbon tetrachloride	7.993	117	87679	21.582	ug/L	99
33) Benzene	8.252	78	280984	22.432	ug/L	100
34) Trichloroethene	9.028	95	64124	22.155	ug/L	98
35) Methylcyclohexane	9.275	83	97075	20.783	ug/L	99
37) 1,2-Dichloropropane	9.304	63	79264	23.203	ug/L #	100
38) Bromodichloromethane	9.581	83	91916	23.092	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	117208	24.434	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	83169	46.510	ug/L	100
42) Toluene	10.334	91	311924	23.641	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	101430	23.993	ug/L	99
45) 1,1,2-Trichloroethane	10.728	97	56352	24.145	ug/L	91
46) Tetrachloroethene	10.810	164	45147	22.976	ug/L	98
48) 2-Hexanone	10.922	43	69500	47.781	ug/L	99
49) Dibromochloromethane	11.069	129	60850	23.887	ug/L	88
50) 1,2-Dibromoethane	11.175	107	47074	23.353	ug/L #	91
51) Chlorobenzene	11.604	112	185775	23.461	ug/L	99
52) Ethylbenzene	11.681	91	332995	24.024	ug/L	100
53) m,p-Xylene	11.793	106	125888	23.979	ug/L	98
54) o-Xylene	12.116	106	125410	24.363	ug/L	94
55) Styrene	12.134	104	229857	25.408	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	67599	24.710	ug/L	99
59) Bromoform	12.298	173	34715	23.757	ug/L	98
60) Isopropylbenzene	12.416	105	322594	22.074	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	43462	20.888	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	258000	24.139	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	261330	23.315	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	140762	23.307	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	147232	23.242	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	128995	23.631	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	9833	23.097	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	85089	23.235	ug/L	99
70) 1,2,4-trichlorobenzene	15.092	180	71034	23.038	ug/L	97
71) Naphthalene	15.328	128	152411	22.132	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	63518	23.031	ug/L	94

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

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