

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
 Data File : VD079903.D
 Acq On : 26 Sep 2024 11:51
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025917

Quant Time: Sep 27 01:25:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 01:23:03 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	95108	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	90380	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	43841	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	82415	19.928	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.720%		
7) Chloroethane-d5	2.805	69	81245	24.813	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.240%		
11) 1,1-Dichloroethene-d2	3.911	65	16472m	21.937	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.760%		
21) 2-Butanone-d5	6.993	46	14213	36.989	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.980%		
24) Chloroform-d	7.569	84	76490	24.466	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.880%		
26) 1,2-Dichloroethane-d4	8.228	65	39154	23.950	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.800%		
32) Benzene-d6	8.199	84	164348	25.757	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.040%		
36) 1,2-Dichloropropane-d6	9.210	67	47501	24.307	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.240%		
41) Toluene-d8	10.269	98	149235	26.579	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	106.320%		
43) trans-1,3-Dichloroprop...	10.522	79	18605	22.144	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.560%		
47) 2-Hexanone-d5	10.875	63	12557	39.417	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.840%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	34981	24.359	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.440%		
66) 1,2-Dichlorobenzene-d4	13.810	152	42025	25.418	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	35309	19.470	ug/L	99
3) Chloromethane	2.146	50	64361	20.245	ug/L	99
5) Vinyl chloride	2.287	62	88105	22.616	ug/L	100
6) Bromomethane	2.699	94	59876	30.525	ug/L	100
8) Chloroethane	2.840	64	65804	25.568	ug/L	99
9) Trichlorofluoromethane	3.175	101	68999	24.634	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	41554	26.802	ug/L	98
12) 1,1-Dichloroethene	3.946	96	35833	24.814	ug/L #	71
13) Acetone	4.022	43	16328	34.855	ug/L	99
14) Carbon disulfide	4.269	76	103805	22.099	ug/L	97
15) Methyl Acetate	4.564	43	13922	18.657	ug/L #	89
16) Methylene chloride	4.799	84	44970	23.929	ug/L	91
17) trans-1,2-Dichloroethene	5.317	96	38038	24.704	ug/L	93
18) Methyl tert-butyl Ether	5.317	73	69103	19.950	ug/L #	92
19) 1,1-Dichloroethane	6.111	63	77625	25.381	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	39907	23.539	ug/L	93
22) 2-Butanone	7.081	43	18006	32.766	ug/L	96
23) Bromochloromethane	7.422	128	15803	21.963	ug/L	92
25) Chloroform	7.593	83	79840	25.078	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	42884	22.039	ug/L	99
29) Cyclohexane	7.875	56	45294	20.261	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	62774	25.481	ug/L	99
31) Carbon tetrachloride	7.993	117	55538	25.444	ug/L	99
33) Benzene	8.252	78	165640	24.613	ug/L	100
34) Trichloroethene	9.022	95	38052	24.470	ug/L	95
35) Methylcyclohexane	9.275	83	53569	21.347	ug/L	97
37) 1,2-Dichloropropane	9.305	63	46040	25.085	ug/L #	100
38) Bromodichloromethane	9.581	83	53765	25.141	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	61611	23.905	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	34336	35.739	ug/L	98
42) Toluene	10.334	91	191163	26.966	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	51875	22.839	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	28605	22.812	ug/L	94
46) Tetrachloroethene	10.810	164	27809	26.341	ug/L	95
48) 2-Hexanone	10.922	43	28201	36.087	ug/L	94
49) Dibromochloromethane	11.075	129	33212	24.266	ug/L	97
50) 1,2-Dibromoethane	11.175	107	23890	22.059	ug/L #	92
51) Chlorobenzene	11.604	112	109562	25.753	ug/L	98
52) Ethylbenzene	11.681	91	198144	26.607	ug/L	96
53) m,p-Xylene	11.793	106	76672	27.183	ug/L	97
54) o-Xylene	12.122	106	73303	26.505	ug/L	94
55) Styrene	12.134	104	129766	26.698	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	31180	21.214	ug/L #	99
59) Bromoform	12.293	173	16729	22.105	ug/L	98
60) Isopropylbenzene	12.422	105	199675	26.380	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	20952	19.443	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	149969	27.092	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	152256	26.228	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	81248	25.974	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	84278	25.687	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	71517	25.296	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	4214	19.112	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	47531	25.061	ug/L	95
70) 1,2,4-trichlorobenzene	15.092	180	36667	22.961	ug/L	99
71) Naphthalene	15.328	128	64413	18.060	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	32184	22.531	ug/L #	94

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

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