

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
 Data File : VW030874.D
 Acq On : 01 Nov 2024 08:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

Quant Time: Nov 04 00:53:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/04/2024
 Supervised By :Mahesh Dadoda 11/05/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	300928	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	308852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	161157	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	106187	22.449	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.800%		
7) Chloroethane-d5	2.899	69	98970	27.641	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	110.560%		
11) 1,1-Dichloroethene-d2	4.021	65	41542	21.115	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.480%		
21) 2-Butanone-d5	7.087	46	48809	57.338	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.680%		
24) Chloroform-d	7.648	84	247243	28.729	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	114.920%		
26) 1,2-Dichloroethane-d4	8.306	65	140823	31.468	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	125.880%		
32) Benzene-d6	8.276	84	459046	25.608	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.440%		
36) 1,2-Dichloropropane-d6	9.276	67	126683	24.078	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.320%		
41) Toluene-d8	10.324	98	424822	25.961	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.840%		
43) trans-1,3-Dichloroprop...	10.580	79	59429	26.975	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	107.880%		
47) 2-Hexanone-d5	10.922	63	42817	63.183	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	126.360%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101996	26.397	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	105.600%		
66) 1,2-Dichlorobenzene-d4	13.854	152	122033	22.380	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	91135	23.704	ug/L	95
3) Chloromethane	2.222	50	121326	27.151	ug/L	98
5) Vinyl chloride	2.375	62	155347	28.269	ug/L	99
6) Bromomethane	2.795	94	103541	28.626	ug/L	98
8) Chloroethane	2.941	64	102211	30.426	ug/L	99
9) Trichlorofluoromethane	3.271	101	121963	24.804	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	107000	24.187	ug/L	97
12) 1,1-Dichloroethene	4.039	96	98392	24.370	ug/L	89
13) Acetone	4.142	43	61084	49.014	ug/L	95
14) Carbon disulfide	4.386	76	330648	25.079	ug/L	100
15) Methyl Acetate	4.685	43	38768m	25.183	ug/L	
16) Methylene chloride	4.917	84	108359	23.818	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	107809	24.746	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	149300	24.486	ug/L	99
19) 1,1-Dichloroethane	6.215	63	231181	28.551	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	121088	26.058	ug/L	93
22) 2-Butanone	7.179	43	67568	50.298	ug/L	100
23) Bromochloromethane	7.514	128	58619	28.836	ug/L	95
25) Chloroform	7.678	83	239138	27.637	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	170225	29.820	ug/L	100
29) Cyclohexane	7.959	56	176532	23.481	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	189206	23.077	ug/L	99
31) Carbon tetrachloride	8.075	117	173148	23.645	ug/L	100
33) Benzene	8.325	78	548498	27.290	ug/L	100
34) Trichloroethene	9.093	95	128428	22.968	ug/L	97
35) Methylcyclohexane	9.337	83	211952	24.086	ug/L	99
37) 1,2-Dichloropropane	9.367	63	122012	24.306	ug/L	100
38) Bromodichloromethane	9.642	83	189231	28.334	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	214096	28.276	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	134460	55.757	ug/L	99
42) Toluene	10.385	91	608543	28.381	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	177846	27.952	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	99011	27.292	ug/L	99
46) Tetrachloroethene	10.861	164	105532	25.589	ug/L	95
48) 2-Hexanone	10.964	43	109368	55.458	ug/L	100
49) Dibromochloromethane	11.123	129	109889	27.146	ug/L	94
50) 1,2-Dibromoethane	11.233	107	89624	26.475	ug/L	94
51) Chlorobenzene	11.653	112	338320	24.510	ug/L	97
52) Ethylbenzene	11.726	91	627461	25.645	ug/L	98
53) m,p-Xylene	11.836	106	231693	25.276	ug/L	97
54) o-Xylene	12.165	106	205136	24.207	ug/L	99
55) Styrene	12.178	104	358210	24.726	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	98496	24.075	ug/L	97
59) Bromoform	12.348	173	50945	22.500	ug/L	96
60) Isopropylbenzene	12.464	105	567043	22.721	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71926	22.936	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	454905	23.104	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	459272	23.824	ug/L	100
64) 1,3-Dichlorobenzene	13.501	146	263864	24.290	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	269925	24.064	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	220079	23.023	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14092	20.153	ug/L	100
69) 1,3,5-Trichlorobenzene	14.622	180	173152	24.171	ug/L	95
70) 1,2,4-trichlorobenzene	15.122	180	115246	19.984	ug/L	98
71) Naphthalene	15.360	128	215726	21.652	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	128263	25.655	ug/L	98

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

