

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100724\
 Data File : VW030413.D
 Acq On : 07 Oct 2024 12:38
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025506

Quant Time: Oct 08 01:14:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 05 01:25:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/08/2024
 Supervised By :Semsettin Yesilyurt 10/08/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	192489	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	178142	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	92967	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	41178	27.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.520%
7) Chloroethane-d5	2.905	69	32515	29.710	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.840%
11) 1,1-Dichloroethene-d2	4.021	65	24488	22.303	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.200%
21) 2-Butanone-d5	7.075	46	27037	44.697	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.400%
24) Chloroform-d	7.648	84	125629	24.294	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.160%
26) 1,2-Dichloroethane-d4	8.307	65	62595	23.191	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.760%
32) Benzene-d6	8.276	84	240914	24.129	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.520%
36) 1,2-Dichloropropane-d6	9.276	67	75339	25.088	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.360%
41) Toluene-d8	10.325	98	218277	23.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	10.581	79	28947	23.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.720%
47) 2-Hexanone-d5	10.922	63	22571	45.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	57162	25.474	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	72066	23.348	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	45648m	21.696	ug/L	
3) Chloromethane	2.223	50	38325	23.252	ug/L	98
5) Vinyl chloride	2.375	62	45783	26.129	ug/L	94
6) Bromomethane	2.796	94	30140	25.845	ug/L	89
8) Chloroethane	2.942	64	26172	27.378	ug/L	95
9) Trichlorofluoromethane	3.271	101	48723	21.586	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	50831	22.604	ug/L	91
12) 1,1-Dichloroethene	4.045	96	47497	21.239	ug/L	94
13) Acetone	4.119	43	24378	37.992	ug/L	83
14) Carbon disulfide	4.393	76	152755	20.541	ug/L	99
15) Methyl Acetate	4.673	43	20366	19.460	ug/L	99
16) Methylene chloride	4.917	84	55492	18.731	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	54065	20.826	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	80609	19.522	ug/L	99
19) 1,1-Dichloroethane	6.222	63	104211	21.079	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	59351	20.692	ug/L	99
22) 2-Butanone	7.173	43	29178	35.571	ug/L	99
23) Bromochloromethane	7.514	128	26834	21.430	ug/L	93
25) Chloroform	7.673	83	108661	21.193	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	69624	20.476	ug/L	98
29) Cyclohexane	7.959	56	81138	20.662	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	88721	21.499	ug/L	99
31) Carbon tetrachloride	8.069	117	79830	21.645	ug/L	98
33) Benzene	8.325	78	236845	21.828	ug/L	100
34) Trichloroethene	9.093	95	60558	20.982	ug/L	97
35) Methylcyclohexane	9.337	83	97050	21.911	ug/L	97
37) 1,2-Dichloropropane	9.368	63	61893	21.620	ug/L	100
38) Bromodichloromethane	9.642	83	76356	21.244	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	90838	20.694	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	56697	38.504	ug/L	99
42) Toluene	10.386	91	249772	21.503	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	75495	20.756	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	43018	21.323	ug/L	96
46) Tetrachloroethene	10.855	164	47345	21.932	ug/L	91
48) 2-Hexanone	10.965	43	42123	38.849	ug/L	98
49) Dibromochloromethane	11.129	129	49154	21.651	ug/L	96
50) 1,2-Dibromoethane	11.233	107	40568	21.251	ug/L	92
51) Chlorobenzene	11.654	112	159811	21.290	ug/L	99
52) Ethylbenzene	11.727	91	285165	21.670	ug/L	100
53) m,p-Xylene	11.837	106	109254	22.241	ug/L	98
54) o-Xylene	12.166	106	104015	22.246	ug/L	87
55) Styrene	12.178	104	180819	22.670	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	49186	20.817	ug/L	96
59) Bromoform	12.349	173	27446	20.378	ug/L	98
60) Isopropylbenzene	12.465	105	279165	21.156	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	35174	19.902	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	225019	21.082	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	226044	21.435	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	125650	21.307	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	130448	21.654	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	114256	21.733	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	14.476	75	7375	18.213	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	88407	21.721	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	65946	19.570	ug/L	96
71) Naphthalene	15.360	128	119766	19.431	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	61385	20.811	ug/L	97

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

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