

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102424\
 Data File : VW030753.D
 Acq On : 24 Oct 2024 18:42
 Operator : SY/MD
 Sample : P4492-05MSD
 Misc : 4.63g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F29MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Oct 25 03:19:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 01:42:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	436651	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289346	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	75317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	73345	10.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.760%
7) Chloroethane-d5	2.899	69	83729	16.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.480%
11) 1,1-Dichloroethene-d2	4.021	65	33007	11.562	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.240%
21) 2-Butanone-d5	7.081	46	46880	37.954	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.900%
24) Chloroform-d	7.654	84	262705	21.038	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.160%
26) 1,2-Dichloroethane-d4	8.307	65	121586	18.724	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.880%
32) Benzene-d6	8.276	84	374650	22.309	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.240%
36) 1,2-Dichloropropane-d6	9.276	67	131233	26.624	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.480%
41) Toluene-d8	10.325	98	271237	17.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.760%
43) trans-1,3-Dichloroprop...	10.575	79	40060	19.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.640%
47) 2-Hexanone-d5	10.922	63	34267	53.975	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86503	23.896	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	50529	19.828	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.320%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	138262	24.783	ug/L	96
3) Chloromethane	2.229	50	154835	23.880	ug/L	97
5) Vinyl chloride	2.375	62	205218	25.736	ug/L	100
6) Bromomethane	2.789	94	126366	24.077	ug/L	97
8) Chloroethane	2.942	64	136494	28.002	ug/L	98
9) Trichlorofluoromethane	3.271	101	197537	27.686	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	167984	26.169	ug/L	98
12) 1,1-Dichloroethene	4.045	96	160921m	27.469	ug/L	
13) Acetone	4.119	43	45955	25.413	ug/L	97
14) Carbon disulfide	4.393	76	336328	17.581	ug/L	99
15) Methyl Acetate	4.667	43	41159	18.426	ug/L	95
16) Methylene chloride	4.923	84	172748	26.169	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	163599	25.880	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	282414	31.921	ug/L	99
19) 1,1-Dichloroethane	6.222	63	346897	29.526	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	194420	28.834	ug/L	98
22) 2-Butanone	7.167	43	73239	37.573	ug/L	97
23) Bromochloromethane	7.514	128	76845	26.052	ug/L	93
25) Chloroform	7.679	83	359893	28.664	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	209703	25.317	ug/L	100
29) Cyclohexane	7.953	56	233198	33.109	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	288428	37.551	ug/L	100
31) Carbon tetrachloride	8.075	117	242135	35.295	ug/L	99
33) Benzene	8.325	78	701761	37.270	ug/L	100
34) Trichloroethene	9.093	95	176160	33.628	ug/L	97
35) Methylcyclohexane	9.337	83	221153	26.826	ug/L	99
37) 1,2-Dichloropropane	9.368	63	178720	38.004	ug/L	100
38) Bromodichloromethane	9.642	83	226527	36.205	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	207788	29.293	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	163442	72.344	ug/L	100
42) Toluene	10.386	91	685932	34.146	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	168265	28.229	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	113306	33.337	ug/L	97
46) Tetrachloroethene	10.861	164	105950	27.422	ug/L	97
48) 2-Hexanone	10.965	43	110635	59.882	ug/L	94
49) Dibromochloromethane	11.123	129	117680	31.031	ug/L	95
50) 1,2-Dibromoethane	11.233	107	93754	29.562	ug/L	87
51) Chlorobenzene	11.654	112	347270	26.855	ug/L	96
52) Ethylbenzene	11.727	91	623528	27.202	ug/L	99
53) m,p-Xylene	11.837	106	220397	25.665	ug/L	94
54) o-Xylene	12.160	106	212489	26.765	ug/L	96
55) Styrene	12.178	104	322068	23.730	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	97699	25.490	ug/L	100
59) Bromoform	12.349	173	53556	50.611	ug/L	99
60) Isopropylbenzene	12.458	105	515659	44.210	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	76810	52.409	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	342131	37.181	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	312885	34.728	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	144354	28.433	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	138453	26.411	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	122679	27.460	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11785	36.063	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	51205	15.295	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	33521	12.437	ug/L	98
71) Naphthalene	15.360	128	74130	15.920	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	23867	10.215	ug/L	98

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

