

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026383.D
 Acq On : 28 Jun 2023 03:37
 Operator : SY/MD
 Sample : 03420-23MSD
 Misc : 5.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K5MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

06/28/2023
 Supervised By : Mahesh
 Dadoda

Quant Time: Jun 28 05:58:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 05:31:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	864593	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	602387	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	167683	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.363	65	309821	24.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.680%
7) Chloroethane-d5	2.899	69	250762	28.084	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.320%
11) 1,1-Dichloroethene-d2	4.021	65	142513	25.061	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.240%
21) 2-Butanone-d5	7.075	46	169671	42.981	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.960%
24) Chloroform-d	7.648	84	547096	22.331	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.320%
26) 1,2-Dichloroethane-d4	8.307	65	311881	22.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.640%
32) Benzene-d6	8.276	84	1061618	28.472	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.880%
36) 1,2-Dichloropropane-d6	9.276	67	329661	27.209	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.840%
41) Toluene-d8	10.325	98	837185	25.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	10.575	79	106113	21.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.240%
47) 2-Hexanone-d5	10.922	63	112931	60.692	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	210135	22.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.120%
66) 1,2-Dichlorobenzene-d4	13.854	152	123987	21.236	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.960%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.015	85	253902	24.430	ug/L	89
3) Chloromethane	2.222	50	349711	23.271	ug/L	99
5) Vinyl chloride	2.375	62	353347	22.614	ug/L	100
6) Bromomethane	2.789	94	182226	21.247	ug/L	99
8) Chloroethane	2.930	64	220260	26.289	ug/L	99
9) Trichlorofluoromethane	3.265	101	264361	23.986	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	215800	18.087	ug/L	98
12) 1,1-Dichloroethene	4.045	96	250582	22.415	ug/L	99
13) Acetone	4.118	43	295099	93.396	ug/L	99
14) Carbon disulfide	4.387	76	728064	18.430	ug/L	99
15) Methyl Acetate	4.667	43	145284	20.057	ug/L	98
16) Methylene chloride	4.923	84	273693	18.706	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	245330	19.966	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	479181	24.934	ug/L	98
19) 1,1-Dichloroethane	6.216	63	549158	21.340	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	276119	20.794	ug/L	99
22) 2-Butanone	7.167	43	263391	54.481	ug/L	99
23) Bromochloromethane	7.514	128	113551	19.937	ug/L	95
25) Chloroform	7.679	83	504852	21.168	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	370806	21.625	ug/L	96
29) Cyclohexane	7.959	56	316345	18.186	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	397187	27.256	ug/L	100
31) Carbon tetrachloride	8.069	117	255851	19.531	ug/L	100
33) Benzene	8.325	78	1079893	26.540	ug/L	100
34) Trichloroethene	9.087	95	259669	24.925	ug/L	91
35) Methylcyclohexane	9.337	83	221746	12.412	ug/L	100
37) 1,2-Dichloropropane	9.367	63	290562	25.559	ug/L	99
38) Bromodichloromethane	9.642	83	324127	24.827	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	358904	22.035	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	424534	57.855	ug/L	99
42) Toluene	10.386	91	1002948	24.571	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	282823	20.571	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	193626	25.438	ug/L	98
46) Tetrachloroethene	10.861	164	123140	16.777	ug/L	94
48) 2-Hexanone	10.965	43	279072	53.901	ug/L	96
49) Dibromochloromethane	11.129	129	179424	23.021	ug/L	97
50) 1,2-Dibromoethane	11.233	107	171958	24.607	ug/L	100
51) Chlorobenzene	11.654	112	521475	20.028	ug/L	98
52) Ethylbenzene	11.727	91	890042	19.351	ug/L	97
53) m,p-Xylene	11.837	106	311770	18.586	ug/L	98
54) o-Xylene	12.166	106	299624	18.971	ug/L	95
55) Styrene	12.178	104	459410	16.677	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	190080	19.978	ug/L	97
59) Bromoform	12.349	173	85542	33.722	ug/L	97
60) Isopropylbenzene	12.458	105	639816	25.387	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	159665	39.171	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	435427	22.288	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	430905	22.869	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	202352	18.746	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	213187	19.735	ug/L #	82
67) 1,2-Dichlorobenzene	13.867	146	184122	19.151	ug/L #	76
68) 1,2-Dibromo-3-chloropr...	14.482	75	28862	30.722	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	66189	9.542	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	56882	10.021	ug/L #	65
71) Naphthalene	15.360	128	202691	17.763	ug/L #	86
72) 1,2,3-Trichlorobenzene	15.549	180	74721m	14.099	ug/L	

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

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06/28/2023
Supervised By :Mahesh
Dadoda

06/29/2023

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