

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
 Data File : VW030520.D
 Acq On : 10 Oct 2024 19:05
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025514

Quant Time: Oct 11 02:33:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 11 01:19:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024

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 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	322600	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	308533	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151006	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.369	65	115970	22.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.480%
7) Chloroethane-d5	2.905	69	95045m	24.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.040%
11) 1,1-Dichloroethene-d2	4.027	65	47496	22.520	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.080%
21) 2-Butanone-d5	7.081	46	45870	50.266	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.540%
24) Chloroform-d	7.648	84	222843	24.155	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	8.307	65	117117	24.413	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.640%
32) Benzene-d6	8.276	84	422877	23.615	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.440%
36) 1,2-Dichloropropane-d6	9.276	67	121205	23.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.240%
41) Toluene-d8	10.325	98	398953	24.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	10.581	79	52547	23.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.520%
47) 2-Hexanone-d5	10.922	63	36732	54.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96062	24.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.560%
66) 1,2-Dichlorobenzene-d4	13.855	152	130365	25.515	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.040%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.015	85	100512	24.386	ug/L	92
3) Chloromethane	2.223	50	109092	22.773	ug/L	98
5) Vinyl chloride	2.375	62	140039	23.771	ug/L	99
6) Bromomethane	2.796	94	94524	24.377	ug/L	89
8) Chloroethane	2.942	64	88099	24.464	ug/L	98
9) Trichlorofluoromethane	3.271	101	115834	21.975	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	111801m	23.574	ug/L	
12) 1,1-Dichloroethene	4.045	96	101663	23.489	ug/L	98
13) Acetone	4.125	43	57910	43.346	ug/L	97
14) Carbon disulfide	4.393	76	325418	23.024	ug/L	100
15) Methyl Acetate	4.679	43	41002	24.845	ug/L	98
16) Methylene chloride	4.923	84	113159	23.202	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	112445	24.076	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	177387	27.138	ug/L	99
19) 1,1-Dichloroethane	6.222	63	202261	23.301	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	121854	24.461	ug/L	98
22) 2-Butanone	7.173	43	64999	45.135	ug/L	100
23) Bromochloromethane	7.514	128	51067	23.433	ug/L	82
25) Chloroform	7.679	83	218324	23.536	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	143920	23.518	ug/L	98
29) Cyclohexane	7.959	56	179689	23.925	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	180892	22.086	ug/L	99
31) Carbon tetrachloride	8.069	117	160243	21.906	ug/L	100
33) Benzene	8.325	78	466808	23.250	ug/L	100
34) Trichloroethene	9.093	95	124745	22.332	ug/L	99
35) Methylcyclohexane	9.337	83	206580	23.500	ug/L	98
37) 1,2-Dichloropropane	9.368	63	115603	23.053	ug/L	99
38) Bromodichloromethane	9.648	83	153680	23.035	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	179296	23.704	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	120357	49.961	ug/L	100
42) Toluene	10.386	91	509552	23.788	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	149402	23.506	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	84335	23.270	ug/L	97
46) Tetrachloroethene	10.861	164	97427	23.648	ug/L	93
48) 2-Hexanone	10.965	43	92457	46.931	ug/L	98
49) Dibromochloromethane	11.129	129	91298	22.577	ug/L	99
50) 1,2-Dibromoethane	11.233	107	80068	23.677	ug/L	96
51) Chlorobenzene	11.654	112	309651	22.457	ug/L	99
52) Ethylbenzene	11.727	91	584865	23.929	ug/L	99
53) m,p-Xylene	11.837	106	220469	24.077	ug/L	95
54) o-Xylene	12.166	106	203902	24.086	ug/L	86
55) Styrene	12.178	104	340155	23.504	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	96832	23.693	ug/L	95
59) Bromoform	12.343	173	51084	24.078	ug/L	98
60) Isopropylbenzene	12.459	105	580007	24.802	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	67941	23.122	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	470236	25.488	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	464359	25.707	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	236667	23.250	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	254768	24.240	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	212818	23.760	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	14858	22.677	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	171407	25.536	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	126395	23.391	ug/L	96
71) Naphthalene	15.360	128	256959	27.524	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	111021	23.699	ug/L	99

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

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