

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031126.D
 Acq On : 04 Dec 2024 14:02
 Operator : SY/MD
 Sample : VSTD2.543
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5443

Quant Time: Dec 05 01:11:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 05 01:09:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
 Supervised By :Semsettin Yesilyurt 12/06/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	406637	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	363016	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	179158	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	17614	3.136	ug/L	0.00
7) Chloroethane-d5	2.899	69	12981	2.899	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	7694	3.030	ug/L	-0.01
21) 2-Butanone-d5	7.081	46	4809m	4.865	ug/L	0.00
24) Chloroform-d	7.648	84	30880	2.739	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	14808	2.701	ug/L	0.00
32) Benzene-d6	8.270	84	57309	2.639	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	16555	2.623	ug/L	0.00
41) Toluene-d8	10.319	98	48914	2.486	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	5568	2.111	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	2490	3.183	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	10302	2.362	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	14878	2.425	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	11184	2.098	ug/L	95
3) Chloromethane	2.222	50	14150	2.325	ug/L	97
5) Vinyl chloride	2.369	62	18813	2.611	ug/L	96
6) Bromomethane	2.789	94	11974	2.648	ug/L	95
8) Chloroethane	2.936	64	11318	2.658	ug/L	95
9) Trichlorofluoromethane	3.265	101	18383	2.364	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	16360	2.932	ug/L	89
12) 1,1-Dichloroethene	4.039	96	14655	2.592	ug/L	87
13) Acetone	4.125	43	9667	5.268	ug/L	71
14) Carbon disulfide	4.387	76	48400	2.559	ug/L	99
15) Methyl Acetate	4.673	43	5258	2.649	ug/L #	81
16) Methylene chloride	4.905	84	15773m	2.785	ug/L	
17) trans-1,2-Dichloroethene	5.423	96	15879	2.691	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	19451m	2.293	ug/L	
19) 1,1-Dichloroethane	6.216	63	29435	2.713	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	15923	2.541	ug/L	86
22) 2-Butanone	7.173	43	7907	4.356	ug/L	73
23) Bromochloromethane	7.514	128	6988	2.631	ug/L	90
25) Chloroform	7.673	83	31489	2.800	ug/L	91
27) 1,2-Dichloroethane	8.398	62	18930	2.729	ug/L	97
29) Cyclohexane	7.947	56	20517	2.092	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	26171	2.683	ug/L	95
31) Carbon tetrachloride	8.063	117	24747	2.804	ug/L	96
33) Benzene	8.319	78	64999	2.630	ug/L	100
34) Trichloroethene	9.093	95	18215	2.736	ug/L	93
35) Methylcyclohexane	9.331	83	26155	2.264	ug/L	93
37) 1,2-Dichloropropane	9.367	63	16036	2.636	ug/L #	96
38) Bromodichloromethane	9.642	83	20470	2.568	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	21587	2.322	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	11107	3.973	ug/L	97
42) Toluene	10.386	91	63858	2.392	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	17603	2.302	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	10486	2.503	ug/L	97
46) Tetrachloroethene	10.861	164	13125	2.597	ug/L	95
48) 2-Hexanone	10.965	43	10060	3.969	ug/L #	87
49) Dibromochloromethane	11.123	129	11022	2.335	ug/L	90
50) 1,2-Dibromoethane	11.233	107	9931	2.617	ug/L	83
51) Chlorobenzene	11.654	112	43518	2.671	ug/L	97
52) Ethylbenzene	11.727	91	71556	2.347	ug/L	99
53) m,p-Xylene	11.837	106	26339	2.334	ug/L	98
54) o-Xylene	12.160	106	23976	2.264	ug/L	97
55) Styrene	12.178	104	38560	2.161	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.708	83	10898	2.415	ug/L	97
59) Bromoform	12.343	173	6382	2.511	ug/L	96
60) Isopropylbenzene	12.458	105	67791	2.252	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	8152	2.483	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.940	105	49598	2.082	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	47381	1.967	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	32612	2.557	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	33955	2.669	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	27477	2.443	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	1685	2.385	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	21368	2.463	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	15382	2.266	ug/L	95
71) Naphthalene	15.360	128	22233	1.979	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	14800	2.598	ug/L	94

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

Manual Integrations

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