

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030256.D
 Acq On : 26 Sep 2024 13:06
 Operator : SY/MD
 Sample : VSTD2.501
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5401

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/27/2024
 Supervised By :Semsettin Yesilyurt 09/27/2024

Quant Time: Sep 27 04:10:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:06:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	173239	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	162123	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	78092	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	6298	2.694	ug/L	0.00
7) Chloroethane-d5	2.905	69	4664	2.707	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	2887	2.493	ug/L	0.00
21) 2-Butanone-d5	7.094	46	2863m	4.766	ug/L	0.01
24) Chloroform-d	7.648	84	13243	2.582	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	7117	2.720	ug/L	0.00
32) Benzene-d6	8.276	84	24727	2.414	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	7761	2.448	ug/L	0.00
41) Toluene-d8	10.325	98	20627	2.266	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	2977	2.477	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	2237	5.040	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.684	84	5926	2.736	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	6868	2.527	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	4447	2.386	ug/L	96
3) Chloromethane	2.223	50	7598	2.855	ug/L	93
5) Vinyl chloride	2.375	62	7812	2.914	ug/L	98
6) Bromomethane	2.790	94	4756	2.924	ug/L	86
8) Chloroethane	2.936	64	4747	3.025	ug/L	96
9) Trichlorofluoromethane	3.271	101	6663	2.812	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	6842m	3.176	ug/L	
12) 1,1-Dichloroethene	4.045	96	5945	2.706	ug/L	81
13) Acetone	4.125	43	4585m	5.987	ug/L	
14) Carbon disulfide	4.399	76	21279	2.685	ug/L	100
15) Methyl Acetate	4.679	43	3690m	3.317	ug/L	
16) Methylene chloride	4.923	84	8974	3.382	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	6592	2.634	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	9372	2.733	ug/L #	87
19) 1,1-Dichloroethane	6.222	63	13595	2.694	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	7062	2.635	ug/L	89
22) 2-Butanone	7.179	43	4661m	4.870	ug/L	
23) Bromochloromethane	7.514	128	3062	2.800	ug/L	97
25) Chloroform	7.679	83	13167	2.682	ug/L	94
27) 1,2-Dichloroethane	8.404	62	9206	2.895	ug/L	97
29) Cyclohexane	7.959	56	10288	2.494	ug/L	96
30) 1,1,1-Trichloroethane	7.880	97	10374	2.585	ug/L	96
31) Carbon tetrachloride	8.069	117	9548	2.626	ug/L	98
33) Benzene	8.325	78	28400	2.556	ug/L	100
34) Trichloroethene	9.093	95	7646	2.653	ug/L	95
35) Methylcyclohexane	9.337	83	11543	2.547	ug/L	96
37) 1,2-Dichloropropane	9.368	63	7960	2.703	ug/L #	97
38) Bromodichloromethane	9.642	83	8980	2.618	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	10170	2.432	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	8237	5.671	ug/L	94
42) Toluene	10.386	91	27662	2.413	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	8617	2.536	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	5290	2.820	ug/L	91
46) Tetrachloroethene	10.861	164	5325	2.642	ug/L	94
48) 2-Hexanone	10.965	43	5920	4.846	ug/L #	96
49) Dibromochloromethane	11.130	129	5179	2.572	ug/L	95
50) 1,2-Dibromoethane	11.239	107	5086	2.885	ug/L	91
51) Chlorobenzene	11.654	112	18430	2.614	ug/L	96
52) Ethylbenzene	11.727	91	30623	2.363	ug/L	98
53) m,p-Xylene	11.837	106	10979	2.338	ug/L	94
54) o-Xylene	12.166	106	9942	2.254	ug/L	86
55) Styrene	12.178	104	16568	2.231	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.708	83	6680	3.009	ug/L	95
59) Bromoform	12.349	173	3150	2.897	ug/L	99
60) Isopropylbenzene	12.465	105	27776	2.328	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	4753	3.097	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	21042	2.266	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	20363	2.236	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	12783	2.519	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	14561	2.804	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	11883	2.688	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	1096	3.243	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.623	180	8594	2.593	ug/L	91
70) 1,2,4-trichlorobenzene	15.123	180	7580	2.824	ug/L	98
71) Naphthalene	15.360	128	12383	2.658	ug/L	96
72) 1,2,3-Trichlorobenzene	15.549	180	6499	2.777	ug/L	93

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

Manual Integrations

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