

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024637.D
 Acq On : 26 Sep 2022 12:21
 Operator : SY/VA
 Sample : VSTD00552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005452

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/27/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 27 00:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 00:48:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	659420	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	568499	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	276124	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	29219	4.235	ug/L	0.00
7) Chloroethane-d5	2.891	69	17276	4.309	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	78440	4.912	ug/L	0.00
21) 2-Butanone-d5	7.080	46	25112	10.196	ug/L	0.00
24) Chloroform-d	7.653	84	90381	5.127	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	47355	5.178	ug/L	0.00
32) Benzene-d6	8.275	84	192892	5.308	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	58339	5.255	ug/L	0.00
41) Toluene-d8	10.323	98	175375	5.400	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	25700	5.198	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	19024	10.015	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40051	5.063	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	50684	5.216	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	16922m	4.324	ug/L	
3) Chloromethane	2.221	50	36807	4.669	ug/L	95
5) Vinyl chloride	2.367	62	32669	4.030	ug/L	94
6) Bromomethane	2.776	94	16625	4.444	ug/L	95
8) Chloroethane	2.922	64	14653	4.288	ug/L	93
9) Trichlorofluoromethane	3.257	101	21581	4.759	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	41905	4.845	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	40253	4.643	ug/L	95
13) Acetone	4.135	43	22207	12.236	ug/L	97
14) Carbon disulfide	4.385	76	121769	4.471	ug/L	99
15) Methyl Acetate	4.678	43	18142	4.454	ug/L #	89
16) Methylene chloride	4.922	84	73195	5.652	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	46634	4.819	ug/L	90
18) Methyl tert-butyl Ether	5.428	73	75002	4.885	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	87178	4.807	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	50035	4.812	ug/L	95
22) 2-Butanone	7.177	43	30880	10.658	ug/L	98
23) Bromochloromethane	7.519	128	20018	4.736	ug/L	89
25) Chloroform	7.677	83	83657	4.865	ug/L	98
27) 1,2-Dichloroethane	8.403	62	51968	4.803	ug/L	100
29) Cyclohexane	7.958	56	85370	4.818	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	68345	4.968	ug/L	99
31) Carbon tetrachloride	8.067	117	57496	4.936	ug/L	100
33) Benzene	8.323	78	198541	4.990	ug/L	100
34) Trichloroethene	9.091	95	49739	4.932	ug/L	98
35) Methylcyclohexane	9.335	83	88405	4.782	ug/L	99
37) 1,2-Dichloropropane	9.366	63	48139	4.901	ug/L	99
38) Bromodichloromethane	9.640	83	58863	4.872	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	74077	4.769	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	54364	9.350	ug/L	99
42) Toluene	10.390	91	205817	5.009	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	64960	4.878	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	33150	4.941	ug/L	98
46) Tetrachloroethene	10.866	164	33390	4.873	ug/L	91
48) 2-Hexanone	10.969	43	39104	9.946	ug/L	98
49) Dibromochloromethane	11.128	129	36281	4.802	ug/L	98
50) 1,2-Dibromoethane	11.231	107	30593	4.817	ug/L	92
51) Chlorobenzene	11.658	112	124165	4.935	ug/L	99
52) Ethylbenzene	11.731	91	225398	4.980	ug/L	98
53) m,p-Xylene	11.835	106	87241	4.936	ug/L	95
54) o-Xylene	12.164	106	81151	4.862	ug/L	91
55) Styrene	12.176	104	138726	4.931	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	38075	4.847	ug/L	96
59) Bromoform	12.347	173	18231	4.671	ug/L	94
60) Isopropylbenzene	12.463	105	219062	4.868	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	28775	4.838	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	187867	4.803	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	187648	4.897	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	89681	4.905	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	85841	4.823	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	79674	5.003	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6914	4.916	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	58987	4.859	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	48505	4.756	ug/L	97
71) Naphthalene	15.359	128	107672	4.849	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	43251	4.983	ug/L	97

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

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