

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121324\
 Data File : VD080160.D
 Acq On : 13 Dec 2024 10:05
 Operator : RP/MD
 Sample : VSTD2.562
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5862

Quant Time: Dec 13 22:45:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 13 22:44:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	193547	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	178401	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	78986	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	18422	2.596	ug/L	0.00
7) Chloroethane-d5	2.805	69	14968	2.679	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.928	65	4070	2.664	ug/L	0.00
21) 2-Butanone-d5	6.993	46	3631m	4.935	ug/L	0.00
24) Chloroform-d	7.575	84	15471	2.456	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	9112	2.554	ug/L	0.00
32) Benzene-d6	8.204	84	32616	2.629	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	10766	2.726	ug/L	0.00
41) Toluene-d8	10.269	98	24948	2.299	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	3848	2.389	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	2303	4.224	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	7838	2.592	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	8085	2.621	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	7996	2.628	ug/L	97
3) Chloromethane	2.152	50	14696	2.745	ug/L	95
5) Vinyl chloride	2.293	62	17499	2.649	ug/L	90
6) Bromomethane	2.699	94	10356	2.671	ug/L	88
8) Chloroethane	2.840	64	11121	2.634	ug/L	93
9) Trichlorofluoromethane	3.181	101	14593	2.846	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	8188	3.020	ug/L #	52
12) 1,1-Dichloroethene	3.946	96	6870	2.533	ug/L	90
13) Acetone	4.034	43	7343	5.784	ug/L	77
14) Carbon disulfide	4.275	76	27545	2.696	ug/L	98
15) Methyl Acetate	4.581	43	3691m	2.673	ug/L	
16) Methylene chloride	4.804	84	9813	2.877	ug/L	89
17) trans-1,2-Dichloroethene	5.334	96	7679m	2.561	ug/L	
18) Methyl tert-butyl Ether	5.334	73	13469m	2.253	ug/L	
19) 1,1-Dichloroethane	6.116	63	15174m	2.630	ug/L	
20) cis-1,2-Dichloroethene	7.087	96	7921	2.464	ug/L	85
22) 2-Butanone	7.093	43	6395m	4.951	ug/L	
23) Bromochloromethane	7.440	128	3924	2.625	ug/L	74
25) Chloroform	7.593	83	18046	2.810	ug/L	94
27) 1,2-Dichloroethane	8.328	62	9484	2.494	ug/L	97
29) Cyclohexane	7.887	56	9565	2.275	ug/L	92
30) 1,1,1-Trichloroethane	7.798	97	13451	2.890	ug/L	95
31) Carbon tetrachloride	7.993	117	10565	2.673	ug/L	93
33) Benzene	8.251	78	32346	2.615	ug/L	100
34) Trichloroethene	9.028	95	9051	2.887	ug/L	95
35) Methylcyclohexane	9.275	83	10618	2.269	ug/L	95
37) 1,2-Dichloropropane	9.304	63	9174	2.740	ug/L	99
38) Bromodichloromethane	9.581	83	10696	2.604	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	10375	2.201	ug/L	92
40) 4-Methyl-2-pentanone	10.157	43	8251	4.683	ug/L	96
42) Toluene	10.334	91	30027	2.354	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	9144	2.236	ug/L	100

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45) 1,1,2-Trichloroethane	10.734	97	6128	2.596	ug/L	97
46) Tetrachloroethene	10.810	164	6386	2.665	ug/L	81
48) 2-Hexanone	10.922	43	6606	3.909	ug/L #	95
49) Dibromochloromethane	11.069	129	6952	2.617	ug/L	96
50) 1,2-Dibromoethane	11.175	107	5878	2.690	ug/L #	75
51) Chlorobenzene	11.610	112	20824	2.590	ug/L	92
52) Ethylbenzene	11.681	91	31063	2.294	ug/L	95
53) m,p-Xylene	11.792	106	11855	2.332	ug/L	99
54) o-Xylene	12.122	106	10143	2.123	ug/L	65
55) Styrene	12.133	104	17293	2.012	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	6775	2.455	ug/L #	93
59) Bromoform	12.292	173	3697	2.665	ug/L	92
60) Isopropylbenzene	12.422	105	26740	2.399	ug/L	96
61) 1,2,3-Trichloropropane	12.728	75	4461	2.683	ug/L	92
62) 1,3,5-Trimethylbenzene	12.898	105	21015	2.369	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	20304	2.331	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	13990	2.642	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	15812	2.804	ug/L	91
67) 1,2-Dichlorobenzene	13.828	146	12686	2.614	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	1164	3.035	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	9550m	2.824	ug/L	
70) 1,2,4-trichlorobenzene	15.098	180	7708	2.659	ug/L	99
71) Naphthalene	15.327	128	13030	2.474	ug/L #	91
72) 1,2,3-Trichlorobenzene	15.516	180	7048	2.650	ug/L	99

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

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