

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079991.D
 Acq On : 12 Nov 2024 10:35
 Operator : RP/MD
 Sample : VSTD00545
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005845

Quant Time: Nov 13 01:44:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 01:43:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/13/2024
 Supervised By :Mahesh Dadoda 11/13/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	240767	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	234724	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	128172	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	24420	6.804	ug/L	0.00
7) Chloroethane-d5	2.799	69	19314	6.488	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	8386	5.700	ug/L	0.00
21) 2-Butanone-d5	6.987	46	7243m	9.506	ug/L	0.00
24) Chloroform-d	7.569	84	33903	4.958	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	18671	5.035	ug/L	0.00
32) Benzene-d6	8.199	84	67680	5.014	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	22416	5.148	ug/L	0.00
41) Toluene-d8	10.269	98	58566	4.766	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	8954	5.109	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	4805	7.494	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	17349	4.974	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	21972	4.947	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	20379	5.566	ug/L	97
3) Chloromethane	2.146	50	17580	5.870	ug/L	100
5) Vinyl chloride	2.287	62	23289	6.194	ug/L	89
6) Bromomethane	2.693	94	14983	5.640	ug/L	91
8) Chloroethane	2.834	64	15407	6.436	ug/L	97
9) Trichlorofluoromethane	3.175	101	33621	5.347	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	19276	5.044	ug/L	99
12) 1,1-Dichloroethene	3.946	96	15519	4.811	ug/L	85
13) Acetone	4.022	43	9072m	10.059	ug/L	
14) Carbon disulfide	4.269	76	57773	5.361	ug/L	100
15) Methyl Acetate	4.569	43	7239	5.162	ug/L #	85
16) Methylene chloride	4.810	84	22347	5.594	ug/L	89
17) trans-1,2-Dichloroethene	5.322	96	17147m	4.819	ug/L	
18) Methyl tert-butyl Ether	5.328	73	30911m	4.463	ug/L	
19) 1,1-Dichloroethane	6.110	63	34602	5.214	ug/L	94
20) cis-1,2-Dichloroethene	7.081	96	17709	4.571	ug/L	91
22) 2-Butanone	7.093	43	9647m	9.131	ug/L	
23) Bromochloromethane	7.434	128	9476	4.925	ug/L	94
25) Chloroform	7.599	83	38900	5.071	ug/L	99
27) 1,2-Dichloroethane	8.322	62	23435	5.232	ug/L	99
29) Cyclohexane	7.875	56	22316	4.398	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	30884	5.142	ug/L	99
31) Carbon tetrachloride	7.993	117	26680	5.059	ug/L	96
33) Benzene	8.251	78	72923	4.971	ug/L	100
34) Trichloroethene	9.028	95	19717	5.012	ug/L	94
35) Methylcyclohexane	9.275	83	25402	4.418	ug/L	96
37) 1,2-Dichloropropane	9.304	63	21019	5.130	ug/L #	92
38) Bromodichloromethane	9.581	83	26895	5.151	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	27514	4.648	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	17289	8.936	ug/L	96
42) Toluene	10.334	91	76228	4.757	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	24337	4.773	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	15547	4.980	ug/L	92
46) Tetrachloroethene	10.810	164	16486	4.927	ug/L	90
48) 2-Hexanone	10.916	43	13394	8.585	ug/L #	91
49) Dibromochloromethane	11.069	129	19340	5.260	ug/L	88
50) 1,2-Dibromoethane	11.181	107	13882	4.874	ug/L #	81
51) Chlorobenzene	11.604	112	51383	4.891	ug/L	97
52) Ethylbenzene	11.681	91	78591	4.545	ug/L	95
53) m,p-Xylene	11.792	106	30165	4.652	ug/L	89
54) o-Xylene	12.122	106	26133	4.229	ug/L	100
55) Styrene	12.134	104	48112	4.327	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	17995	4.963	ug/L	96
59) Bromoform	12.298	173	11083	4.685	ug/L #	97
60) Isopropylbenzene	12.422	105	72721	4.151	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	12077	4.834	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	55825	4.057	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	55008	4.015	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	42148	4.901	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	45069	5.003	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	39018	4.910	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.445	75	2588	4.754	ug/L	85
69) 1,3,5-Trichlorobenzene	14.592	180	26061	4.486	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	20887	4.267	ug/L	98
71) Naphthalene	15.333	128	34665	4.145	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	18743	4.337	ug/L	98

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

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