

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018698.D
 Acq On : 26 Jun 2024 09:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/27/2024
 Supervised By :Semsettin Yesilyurt 06/27/2024

Quant Time: Jun 27 03:24:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

06/27/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	142396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	232027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	206001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	69891	48.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.500%
35) Dibromofluoromethane	7.703	113	78277	55.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.600%
50) Toluene-d8	10.172	98	286859	52.701	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.400%
62) 4-Bromofluorobenzene	12.477	95	88125	51.271	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	42838	45.676	ug/l	97
3) Chloromethane	2.107	50	85950	44.497	ug/l	99
4) Vinyl Chloride	2.241	62	109599	45.818	ug/l	98
5) Bromomethane	2.637	94	74249	41.760	ug/l	96
6) Chloroethane	2.784	64	73322	46.791	ug/l	97
7) Trichlorofluoromethane	3.107	101	137793	53.493	ug/l	99
8) Diethyl Ether	3.515	74	39532	53.824	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.881	101	77697	57.729	ug/l	99
10) Methyl Iodide	4.076	142	90975	55.823	ug/l	98
11) Tert butyl alcohol	4.942	59	28102	108.976	ug/l #	80
12) 1,1-Dichloroethene	3.857	96	71349	52.751	ug/l	97
13) Acrolein	3.710	56	14894	179.652	ug/l	91
14) Allyl chloride	4.460	41	87937	48.226	ug/l	99
15) Acrylonitrile	5.143	53	84252	257.859	ug/l	99
16) Acetone	3.930	43	89122	305.553	ug/l	90
17) Carbon Disulfide	4.174	76	187039	45.792	ug/l	100
18) Methyl Acetate	4.466	43	38597	52.170	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	182570	50.602	ug/l	98
20) Methylene Chloride	4.698	84	90832	50.647	ug/l	98
21) trans-1,2-Dichloroethene	5.198	96	80439	52.243	ug/l	95
22) Diisopropyl ether	6.106	45	201995	49.070	ug/l	95
23) Vinyl Acetate	6.045	43	846308	221.769	ug/l	100
24) 1,1-Dichloroethane	6.003	63	132452	49.944	ug/l	99
25) 2-Butanone	6.972	43	120073	274.636	ug/l	95
26) 2,2-Dichloropropane	6.966	77	114782	51.372	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	96110	51.679	ug/l	97
28) Bromochloromethane	7.325	49	48565	44.679	ug/l	95
29) Tetrahydrofuran	7.338	42	68161	254.042	ug/l	99
30) Chloroform	7.490	83	146644	50.738	ug/l	96
31) Cyclohexane	7.777	56	106934	48.694	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	130013	52.951	ug/l	98
36) 1,1-Dichloropropene	7.905	75	103120	52.929	ug/l	100
37) Ethyl Acetate	7.063	43	47589	51.817	ug/l	98
38) Carbon Tetrachloride	7.892	117	117592	57.531	ug/l	99
39) Methylcyclohexane	9.179	83	134604	56.386	ug/l	98
40) Benzene	8.148	78	316657	52.554	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	27622	59.799	ug/l	89
42) 1,2-Dichloroethane	8.228	62	81161	51.632	ug/l	100
43) Isopropyl Acetate	8.264	43	90423	52.750	ug/l	97
44) Trichloroethene	8.935	130	87192	55.273	ug/l	98
45) 1,2-Dichloropropane	9.209	63	69839	50.691	ug/l	98
46) Dibromomethane	9.301	93	47261	55.284	ug/l	99
47) Bromodichloromethane	9.490	83	111289	54.544	ug/l	99
48) Methyl methacrylate	9.282	41	40689	52.726	ug/l	96
49) 1,4-Dioxane	9.295	88	12744	1133.499	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	246755	273.283	ug/l	98
52) Toluene	10.240	92	208459	53.887	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	99941	56.051	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	118490	55.067	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	63492	55.840	ug/l	95
56) Ethyl methacrylate	10.508	69	82213	55.255	ug/l	95
57) 1,3-Dichloropropane	10.788	76	101875	53.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	203054	282.690	ug/l	97
59) 2-Hexanone	10.825	43	182365	288.338	ug/l	98
60) Dibromochloromethane	10.977	129	83821	59.344	ug/l	100
61) 1,2-Dibromoethane	11.087	107	60410	57.488	ug/l	100
64) Tetrachloroethene	10.715	164	85292	58.050	ug/l	97
65) Chlorobenzene	11.514	112	234683	55.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	83049	58.236	ug/l	97
67) Ethyl Benzene	11.587	91	401620	54.391	ug/l	97
68) m/p-Xylenes	11.697	106	312922	108.910	ug/l	96
69) o-Xylene	12.026	106	149278	54.028	ug/l	95
70) Styrene	12.038	104	244427	53.550	ug/l	99
71) Bromoform	12.209	173	50086	64.007	ug/l #	99
73) Isopropylbenzene	12.325	105	382149	52.697	ug/l	98
74) N-amyl acetate	12.142	43	74542	50.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	67406	52.349	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	42374m	45.488	ug/l	
77) Bromobenzene	12.605	156	98444	58.700	ug/l	86
78) n-propylbenzene	12.666	91	428009	50.432	ug/l	95
79) 2-Chlorotoluene	12.751	91	236841	49.438	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	299043	52.032	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	19856	55.832	ug/l	95
82) 4-Chlorotoluene	12.855	91	244335	50.648	ug/l	93
83) tert-Butylbenzene	13.074	119	285106	53.598	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	299177	52.081	ug/l	96
85) sec-Butylbenzene	13.251	105	397635	52.413	ug/l	96
86) p-Isopropyltoluene	13.367	119	351274	54.615	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	186033	54.996	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	184198	55.492	ug/l	99
89) n-Butylbenzene	13.696	91	297188	51.264	ug/l	97
90) Hexachloroethane	13.958	117	65259	55.853	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	164903	57.067	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9520	51.059	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	100430	62.384	ug/l	99
94) Hexachlorobutadiene	15.111	225	53504	64.684	ug/l	98
95) Naphthalene	15.239	128	192624	64.028	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	87596	64.399	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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