

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028744.D
 Acq On : 28 Oct 2022 03:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 05:39:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 05:21:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	204199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	192714	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	92062	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49457	3.482	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.564	69	49391	4.113	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.108	63	115527	4.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	3.908	46	187523	57.908	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.820%
24) Chloroform-d	4.342	84	110972	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.030	65	56611	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.047	84	204440	3.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.066	67	74519	4.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.310	98	171650	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.622	79	18350	3.620	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.088	63	131597	55.777	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.560%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	52766	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	57948	4.563	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	41711	4.844	ug/L	96
3) Chloromethane	1.240	50	69563	4.327	ug/L	97
5) Vinyl chloride	1.310	62	69548	4.354	ug/L	98
6) Bromomethane	1.519	94	31606	4.142	ug/L	97
8) Chloroethane	1.584	64	45788m	4.216	ug/L	
9) Trichlorofluoromethane	1.751	101	99570	4.677	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	59367	4.693	ug/L	98
12) 1,1-Dichloroethene	2.114	96	51734	4.610	ug/L	89
13) Acetone	2.195	43	114731	59.691	ug/L	92
14) Carbon disulfide	2.291	76	86927	3.355	ug/L	99
15) Methyl Acetate	2.439	43	25703	4.407	ug/L	99
16) Methylene chloride	2.503	84	110803	7.159	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	139440	4.736	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	51702	4.577	ug/L	94
19) 1,1-Dichloroethane	3.185	63	128676	4.720	ug/L	97
21) 2-Butanone	3.989	43	160018	48.439	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	64930	4.795	ug/L #	98
23) Bromochloromethane	4.246	128	23905	4.723	ug/L	88
25) Chloroform	4.368	83	122934	4.636	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	71280	4.549	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	89482	3.860	ug/L	98
30) Cyclohexane	4.674	56	93246	3.882	ug/L	98
31) Carbon tetrachloride	4.821	117	68238	3.665	ug/L	99
33) Benzene	5.095	78	253092	4.394	ug/L	100
34) Trichloroethene	5.911	95	59832	4.193	ug/L	97
35) Methylcyclohexane	6.127	83	87049	4.416	ug/L	99
37) 1,2-Dichloropropane	6.169	63	71029	4.827	ug/L	98
38) Bromodichloromethane	6.506	83	76081	4.323	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	73967	4.146	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	456980	52.448	ug/L	98
42) Toluene	7.384	91	260596	4.772	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	59575	4.144	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	43911	4.855	ug/L	96
47) Tetrachloroethene	7.969	164	37872	4.324	ug/L	98
48) 2-Hexanone	8.140	43	317492	51.499	ug/L	98
49) Dibromochloromethane	8.243	129	40285	4.252	ug/L	95
50) 1,2-Dibromoethane	8.349	107	34349	4.362	ug/L	90
51) Chlorobenzene	8.876	112	165643	4.817	ug/L	98
52) Ethylbenzene	9.008	91	286060	4.713	ug/L	99
53) m,p-Xylene	9.133	106	103439	4.720	ug/L	98
54) o-Xylene	9.538	106	103369	4.689	ug/L	99
55) Styrene	9.554	104	177247	4.768	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	54385	4.794	ug/L	98
59) Bromoform	9.728	173	17615	3.897	ug/L	97
60) Isopropylbenzene	9.924	105	288430	4.979	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	38778	4.906	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	80936	4.789	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	226728	4.844	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	118916	4.765	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	116937	4.697	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	109525	4.800	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	6251	3.841	ug/L	85
69) 1,3,5-Trichlorobenzene	12.635	180	85570	4.516	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	67136	4.653	ug/L	99
71) Naphthalene	13.493	128	101834	4.119	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	59300	4.638	ug/L	98

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

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