Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
Data File : VV037921.D
Acq On : 06 Nov 2024 10:53
Operator : SY/MD
Sample : VSTD00104
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 21:27:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 06 21:26:20 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD001204

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/07/2024
Supervised By :Semsettin Yesilyurt 11/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	283713	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	302893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	149431	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22000	1.013	ug/L	0.00
7) Chloroethane-d5	1.532	69	18385	1.039	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	9433	1.001	ug/L	0.00
20) 2-Butanone-d5	3.854	46	38479m	10.272	ug/L	0.05
24) Chloroform-d	4.249	84	40313	1.018	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	17859	0.985	ug/L	0.00
32) Benzene-d6	4.963	84	74261	0.951	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	21681	0.873	ug/L	0.00
41) Toluene-d8	7.243	98	65088	0.927	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	8774m	1.029	ug/L	0.02
46) 2-Hexanone-d5	8.040	63	27331m	8.240	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	18740	1.019	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	24919	1.011	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	29917	1.056	ug/L	98
3) Chloromethane	1.217	50	28368	1.065	ug/L	99
5) Vinyl chloride	1.282	62	26734	1.008	ug/L	93
6) Bromomethane	1.487	94	15545	1.036	ug/L	95
8) Chloroethane	1.548	64	16041	1.017	ug/L	98
9) Trichlorofluoromethane	1.712	101	38716	1.051	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	21766	1.032	ug/L	96
12) 1,1-Dichloroethene	2.066	96	19898	1.027	ug/L	89
13) Acetone	2.140	43	29846	10.388	ug/L	97
14) Carbon disulfide	2.240	76	65638	0.998	ug/L	99
15) Methyl Acetate	2.394	43	6922	1.018	ug/L	96
16) Methylene chloride	2.445	84	23699	1.048	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	41629	0.961	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	21060	1.006	ug/L	92
19) 1,1-Dichloroethane	3.111	63	40083	1.054	ug/L	100
21) 2-Butanone	3.921	43	39232m	9.973	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	20733	0.940	ug/L	99
23) Bromochloromethane	4.162	128	10180	1.022	ug/L	92
25) Chloroform	4.275	83	41358	1.035	ug/L	94
27) 1,2-Dichloroethane	5.053	62	21936	0.991	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	36657	1.012	ug/L	98
30) Cyclohexane	4.574	56	28007	0.873	ug/L	94
31) Carbon tetrachloride	4.732	117	31329	0.986	ug/L	99
33) Benzene	5.011	78	77315	0.929	ug/L	100
34) Trichloroethene	5.838	95	21702	0.942	ug/L	94
35) Methylcyclohexane	6.040	83	29790	0.867	ug/L	93
37) 1,2-Dichloropropane	6.095	63	18398	0.884	ug/L	100
38) Bromodichloromethane	6.432	83	27047	0.980	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	24618	0.834	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	87233	8.505	ug/L	95
42) Toluene	7.317	91	80904	0.919	ug/L	96
44) trans-1,3-Dichloropropene	7.593	75	22064	0.897	ug/L	92

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	15327	0.962 ug/L	97
47) Tetrachloroethene	7.902	164	17565	0.980 ug/L	98
48) 2-Hexanone	8.088	43	64455m	9.020 ug/L	
49) Dibromochloromethane	8.172	129	17656	0.981 ug/L	96
50) 1,2-Dibromoethane	8.284	107	14113	0.960 ug/L	97
51) Chlorobenzene	8.812	112	58647	0.974 ug/L	99
52) Ethylbenzene	8.944	91	83365	0.879 ug/L	100
53) m,p-Xylene	9.072	106	31203	0.862 ug/L	86
54) o-Xylene	9.477	106	30032	0.872 ug/L	94
55) Styrene	9.500	104	48260m	0.830 ug/L	
57) 1,1,2,2-Tetrachloroethane	10.175	83	18101	0.990 ug/L	97
59) Bromoform	9.667	173	8764	1.006 ug/L	98
60) Isopropylbenzene	9.863	105	79122	0.909 ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	11561	0.989 ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	59161	0.864 ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	56587	0.838 ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	43825	0.994 ug/L	96
65) 1,4-Dichlorobenzene	11.204	146	44293	0.973 ug/L	95
67) 1,2-Dichlorobenzene	11.574	146	40322	0.989 ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	2384	0.940 ug/L #	81
69) 1,3,5-Trichlorobenzene	12.580	180	29299	0.942 ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	20744	0.849 ug/L	91
71) Naphthalene	13.445	128	29475m	0.891 ug/L	
72) 1,2,3-Trichlorobenzene	13.677	180	18297	0.869 ug/L	96

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

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