Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049469.D
Acq On : 28 Jan 2025 14:47
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV019

Quant Time: Jan 28 15:20:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	210976	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	758248	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	481203	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	968667	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	950248	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	975863	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	40529	7.118	ng/uL	0.00
4) Pyridine-d5	3.510	84	321642	19.225	ng/ul	0.00
7) Phenol-d5	6.710	99	344799	20.140	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	257891	22.029	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	274924	20.752	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	247056	19.696	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	120225	20.725	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	133023	21.023	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	269181	20.847	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	325137	19.631	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	719887	20.403	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	857973	20.697	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	106498	18.400	ng/ul	0.00
60) Fluorene-d10	15.151	176	627441	20.222	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.280	200	112109	18.366	ng/ul	0.00
73) Anthracene-d10	17.004	188	976843	20.194	ng/ul	0.00
81) Pyrene-d10	19.309	212	1125350	20.258	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1052662	20.225	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	42505	7.104	ng/uL	94
5) Pyridine	3.528	79	286167	16.679	ng/ul	97
6) Benzaldehyde	6.669	77	184576	19.630	ng/ul	98
8) Phenol	6.734	94	333369	18.552	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.951	93	274699	18.746	ng/ul	100
12) 2-Chlorophenol	7.087	128	266541	19.483	ng/ul	98
13) 2-Methylphenol	7.963	108	231692	18.399	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.034	45	428393	18.978	ng/ul	100
16) Acetophenone	8.328	105	393256	18.853	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.316	70	211182	19.305	ng/ul	98
18) 4-Methylphenol	8.287	108	248597	18.291	ng/ul	97
19) Hexachloroethane	8.575	117	118512	19.716	ng/ul	97
22) Nitrobenzene	8.698	77	298272	19.251	ng/ul	99
23) Isophorone	9.222	82	522772	18.869	ng/ul	99
25) 2-Nitrophenol	9.404	139	137161	19.523	ng/ul	99
26) 2,4-Dimethylphenol	9.475	107	213543	16.517	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.704	93	326922	18.840	ng/ul	99
29) 2,4-Dichlorophenol	9.934	162	249365	19.212	ng/ul	99
30) Naphthalene	10.322	128	765413	18.960	ng/ul	99
32) 4-Chloroaniline	10.439	127	302388	19.081	ng/ul	98
33) Hexachlorobutadiene	10.616	225	190536	19.582	ng/ul	98
34) Caprolactam	11.210	113	65408	18.268	ng/ul	90
35) 4-Chloro-3-methylphenol	11.581	107	218441	19.479	ng/ul	99
36) 2-Methylnaphthalene	11.945	142	538729	19.567	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.169	142	494447	18.216	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.322	216	339735	19.153	ng/ul	100
40) Hexachlorocyclopentadiene	12.304	237	217959	20.946	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	198922	19.016	ng/ul	99
42) 2,4,5-Trichlorophenol	12.645	196	207642	18.887	ng/ul	97
43) 1,1'-Biphenyl	12.975	154	709562	19.435	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	555976	18.783	ng/ul	99
45) 2-Nitroaniline	13.233	65	147211	19.798	ng/ul	98
47) Dimethylphthalate	13.622	163	658828	18.797	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	134950	21.409	ng/ul	97
50) Acenaphthylene	13.869	152	826597	19.409	ng/ul	99
51) 3-Nitroaniline	14.069	138	130699	20.873	ng/ul	93
52) Acenaphthene	14.216	153	566058	18.616	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	76877	19.724	ng/ul	93
55) 4-Nitrophenol	14.392	109	74073	17.491	ng/ul	97
56) Dibenzofuran	14.557	168	831963	19.189	ng/ul	98
57) 2,4-Dinitrotoluene	14.533	165	183760	19.495	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.792	232	181118	20.229	ng/ul	93
59) Diethylphthalate	14.998	149	639322	19.215	ng/ul	98
61) Fluorene	15.210	166	666427	19.022	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.210	204	364341	19.173	ng/ul	96
63) 4-Nitroaniline	15.239	138	126046	21.799	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.298	198	116257	17.377	ng/ul	100
67) N-Nitrosodiphenylamine	15.427	169	558497	19.341	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	208179	18.821	ng/ul	95
69) Hexachlorobenzene	16.216	284	241425	18.902	ng/ul	99
70) Atrazine	16.392	200	205303	18.063	ng/ul	100
71) Pentachlorophenol	16.563	266	139448	17.339	ng/ul	99
72) Phenanthrene	16.945	178	1017847	18.667	ng/ul	100
74) Anthracene	17.039	178	1025959	18.680	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	312100	17.826	ng/uL	99
76) Pentachlorobenzene	14.474	250	293308	17.521	ng/uL	98
77) Carbazole	17.315	167	914259	18.625	ng/ul	99
78) Di-n-butylphthalate	17.898	149	1064766	18.991	ng/ul	100
80) Fluoranthene	18.974	202	1187560	18.717	ng/ul	100
82) Pyrene	19.339	202	1286231	18.841	ng/ul	100
83) Butylbenzylphthalate	20.268	149	435689	18.950	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.056	252	410407	22.747	ng/ul	99
85) Benzo(a)anthracene	21.121	228	1268386	19.002	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	667449	19.758	ng/ul	98
87) Chrysene	21.174	228	1175110	18.956	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1044010	17.489	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1192106	18.846	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	1174592	18.377	ng/ul	99
93) Benzo(a)pyrene	23.786	252	1135459	19.136	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.997	276	1383615	18.813	ng/ul	99
95) Dibenzo(a,h)anthracene	27.044	278	1132071	18.996	ng/ul	100
96) Benzo(g,h,i)perylene	27.950	276	1034908	18.507	ng/ul	99

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

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