Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
Data File : BN031027.D
Acq On : 19 Apr 2024 03:07
Operator : MA/JU
Sample : PB160322BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS322

Quant Time: Apr 19 03:46:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 22:24:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	141610	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	677929	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	475262	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.034	188	1060745	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	1097457	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1338446	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	27052	8.957	ng/uL	0.00
4) Pyridine-d5	3.552	84	309818	34.212	ng/ul	0.00
7) Phenol-d5	6.811	99	463852	40.491	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	265262	37.490	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	357335	41.119	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	379891	39.568	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	185346	39.412	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	190417	44.261	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	389031	41.305	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	561762	36.230	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	1246096	39.270	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	1407497	38.579	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	266167	43.853	ng/ul	0.00
60) Fluorene-d10	15.281	176	1066963	38.425	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	188632	40.288	ng/ul	0.00
73) Anthracene-d10	17.134	188	1679930	36.757	ng/ul	0.00
81) Pyrene-d10	19.433	212	2034172	34.475	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2423536	39.297	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	38522	11.906	ng/uL	99
5) Pyridine	3.570	79	311523	34.091	ng/ul	96
6) Benzaldehyde	6.787	77	242214	45.403	ng/ul	96
8) Phenol	6.840	94	472073	39.557	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.069	93	358292	36.817	ng/ul	99
12) 2-Chlorophenol	7.199	128	371799	39.883	ng/ul	97
13) 2-Methylphenol	8.081	108	353190	38.407	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.158	45	481291	35.123	ng/ul	99
16) Acetophenone	8.458	105	574500	37.899	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.446	70	289055	37.861	ng/ul	97
18) 4-Methylphenol	8.405	108	398484	38.708	ng/ul	94
19) Hexachloroethane	8.705	117	140382	35.918	ng/ul	97
22) Nitrobenzene	8.834	77	415532	36.196	ng/ul	100
23) Isophorone	9.357	82	861050	37.609	ng/ul	100
25) 2-Nitrophenol	9.540	139	214318	42.388	ng/ul	98
26) 2,4-Dimethylphenol	9.599	107	333620	29.687	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.840	93	522138	35.870	ng/ul	100
29) 2,4-Dichlorophenol	10.069	162	371732	38.668	ng/ul	98
30) Naphthalene	10.469	128	1248686	35.913	ng/ul	100
32) 4-Chloroaniline	10.587	127	515752	34.514	ng/ul	99
33) Hexachlorobutadiene	10.746	225	204927	33.866	ng/ul	95
34) Caprolactam	11.363	113	153517	42.746	ng/ul	96
35) 4-Chloro-3-methylphenol	11.710	107	435424	40.214	ng/ul	99
36) 2-Methylnaphthalene	12.087	142	896287	36.912	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	907705	36.825	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	436477	35.587	ng/ul	94
40) Hexachlorocyclopentadiene	12.434	237	185248	26.596	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	311825	40.685	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	345896	39.962	ng/ul	96
43) 1,1'-Biphenyl	13.110	154	1171746	36.172	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	920258	36.088	ng/ul	98
45) 2-Nitroaniline	13.369	65	283797	41.819	ng/ul	98
47) Dimethylphthalate	13.751	163	1191459	36.349	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	243323	40.038	ng/ul	94
50) Acenaphthylene	14.004	152	1547031	36.700	ng/ul	100
51) 3-Nitroaniline	14.198	138	293166	45.449	ng/ul	99
52) Acenaphthene	14.345	153	995098	35.424	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	124717	44.680	ng/ul	94
55) 4-Nitrophenol	14.510	109	201043	41.808	ng/ul	97
56) Dibenzofuran	14.687	168	1403732	35.948	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	377970	42.599	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	296210	41.205	ng/ul	97
59) Diethylphthalate	15.122	149	1256906	37.746	ng/ul	100
61) Fluorene	15.334	166	1140779	36.754	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	545058	35.794	ng/ul	98
63) 4-Nitroaniline	15.369	138	324895	51.808	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.422	198	207053	41.157	ng/ul	96
67) N-Nitrosodiphenylamine	15.551	169	1045149	36.180	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	347472	34.497	ng/ul	95
69) Hexachlorobenzene	16.334	284	404781	34.128	ng/ul	99
70) Atrazine	16.510	200	365381	36.492	ng/ul	96
71) Pentachlorophenol	16.681	266	271479	38.821	ng/ul	98
72) Phenanthrene	17.075	178	1952818	35.833	ng/ul	99
74) Anthracene	17.169	178	1945075	35.305	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	453957	34.835	ng/uL	97
76) Pentachlorobenzene	14.598	250	440550	33.283	ng/uL#	89
77) Carbazole	17.439	167	1929030	39.926	ng/ul	100
78) Di-n-butylphthalate	18.010	149	2354372	39.945	ng/ul	99
80) Fluoranthene	19.098	202	2380023	33.932	ng/ul	98
82) Pyrene	19.463	202	2481192	33.495	ng/ul	98
83) Butylbenzylphthalate	20.375	149	1168085	41.292	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	817945	40.562	ng/ul	99
85) Benzo(a)anthracene	21.251	228	2604263	35.557	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1639931	39.310	ng/ul	98
87) Chrysene	21.310	228	2454647	35.507	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	3139655	37.042	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2753312	34.954	ng/ul	98
91) Benzo(k)fluoranthene	23.310	252	2822276	35.280	ng/ul	99
93) Benzo(a)pyrene	24.033	252	2491311	33.481	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.421	276	3553316	44.176	ng/ul	98
95) Dibenzo(a,h)anthracene	27.480	278	2911800	43.001	ng/ul	96
96) Benzo(g,h,i)perylene	28.451	276	2810550	44.509	ng/ul	97

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

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