Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
Data File : BN031010.D
Acq On : 18 Apr 2024 15:11
Operator : MA/JU
Sample : PB160254BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS254

Quant Time: Apr 18 15:52:56 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	7.640	152	108478	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	504194	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	366133	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	815134	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	926853	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1119780	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	19588	8.466	ng/uL	0.00
4) Pyridine-d5	3.552	84	222212	32.032	ng/ul	0.00
7) Phenol-d5	6.810	99	316718	36.092	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	186029	34.322	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	240582	36.140	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	257794	35.052	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	123602	35.340	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	121983	38.124	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	258314	36.877	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	376736	32.669	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	879705	35.987	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	994996	35.401	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	188406	40.293	ng/ul	0.00
60) Fluorene-d10	15.281	176	771181	36.051	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	129600	36.020	ng/ul	0.00
73) Anthracene-d10	17.133	188	1220433	34.749	ng/ul	0.00
81) Pyrene-d10	19.433	212	1546425	31.033	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1924475	37.298	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	26604	10.734	ng/uL	98
5) Pyridine	3.569	79	219880	31.412	ng/ul	95
6) Benzaldehyde	6.787	77	166206	40.671	ng/ul	94
8) Phenol	6.840	94	329740	36.070	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.075	93	246159	33.020	ng/ul	99
12) 2-Chlorophenol	7.204	128	254851	35.687	ng/ul	99
13) 2-Methylphenol	8.081	108	242343	34.402	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	332359	31.662	ng/ul	99
16) Acetophenone	8.457	105	399406	34.396	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.446	70	197875	33.834	ng/ul	96
18) 4-Methylphenol	8.410	108	277788	35.225	ng/ul	99
19) Hexachloroethane	8.704	117	96409	32.201	ng/ul	99
22) Nitrobenzene	8.834	77	291384	34.128	ng/ul	98
23) Isophorone	9.357	82	580318	34.081	ng/ul	100
25) 2-Nitrophenol	9.540	139	140341	37.321	ng/ul	98
26) 2,4-Dimethylphenol	9.604	107	236284	28.271	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.845	93	355358	32.824	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	261693	36.602	ng/ul	100
30) Naphthalene	10.469	128	858822	33.212	ng/ul	99
32) 4-Chloroaniline	10.587	127	356420	32.070	ng/ul	99
33) Hexachlorobutadiene	10.745	225	139300	30.953	ng/ul	96
34) Caprolactam	11.363	113	97579	36.532	ng/ul	99
35) 4-Chloro-3-methylphenol	11.716	107	295772	36.729	ng/ul	99
36) 2-Methylnaphthalene	12.087	142	616674	34.148	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	631394	34.441	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.457	216	310197	32.829	ng/ul	94
40) Hexachlorocyclopentadiene	12.434	237	127087	23.684	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	209991	35.565	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	235844	35.369	ng/ul	97
43) 1,1'-Biphenyl	13.110	154	826684	33.126	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	641353	32.647	ng/ul	99
45) 2-Nitroaniline	13.369	65	191612	36.651	ng/ul	97
47) Dimethylphthalate	13.751	163	873776	34.603	ng/ul	98
48) 2,6-Dinitrotoluene	13.869	165	166114	35.481	ng/ul	95
50) Acenaphthylene	14.004	152	1090972	33.595	ng/ul	98
51) 3-Nitroaniline	14.198	138	202024	40.654	ng/ul	99
52) Acenaphthene	14.345	153	710143	32.815	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	77837	36.197	ng/ul	93
55) 4-Nitrophenol	14.510	109	145207	39.197	ng/ul	98
56) Dibenzofuran	14.686	168	1035529	34.423	ng/ul	97
57) 2,4-Dinitrotoluene	14.657	165	259286	37.933	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	204216	36.876	ng/ul	97
59) Diethylphthalate	15.122	149	896488	34.946	ng/ul	99
61) Fluorene	15.333	166	833939	34.877	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.333	204	391853	33.403	ng/ul	95
63) 4-Nitroaniline	15.369	138	223809	46.326	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.422	198	141979	36.725	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	748221	33.705	ng/ul	98
68) 4-Bromophenyl-phenylether	16.233	248	248259	32.073	ng/ul	96
69) Hexachlorobenzene	16.333	284	285884	31.366	ng/ul	99
70) Atrazine	16.510	200	261295	33.959	ng/ul	98
71) Pentachlorophenol	16.680	266	184517	34.336	ng/ul	90
72) Phenanthrene	17.075	178	1432519	34.206	ng/ul	98
74) Anthracene	17.169	178	1403407	33.149	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	312486	31.204	ng/uL	97
76) Pentachlorobenzene	14.598	250	322093	31.665	ng/uL	96
77) Carbazole	17.439	167	1412800	38.052	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1618974	35.744	ng/ul	99
80) Fluoranthene	19.098	202	1759367	29.701	ng/ul	98
82) Pyrene	19.463	202	1906603	30.476	ng/ul	99
83) Butylbenzylphthalate	20.380	149	783127	32.779	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	625719	36.741	ng/ul	93
85) Benzo(a)anthracene	21.251	228	2039467	32.971	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	1162097	32.984	ng/ul	100
87) Chrysene	21.315	228	1942449	33.270	ng/ul	98
89) Di-n-octyl phthalate	22.286	149	2144541	30.242	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2223636	33.742	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	2218328	33.146	ng/ul	99
93) Benzo(a)pyrene	24.039	252	1931893	31.033	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.427	276	2828125	42.026	ng/ul	96
95) Dibenzo(a,h)anthracene	27.486	278	2332969	41.181	ng/ul	96
96) Benzo(g,h,i)perylene	28.445	276	2251954	42.626	ng/ul	99

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

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