Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
Data File : BP022487.D
Acq On : 19 Oct 2024 22:22
Operator : RC/JU
Sample : PB164183BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS183

Quant Time: Oct 21 02:49:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	93262	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	407503	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	369720	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	984745	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	936010	20.000	ng/ul	0.00
88) Perylene-d12	24.762	264	897416	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	11282	4.701	ng/uL	0.00
4) Pyridine-d5	3.605	84	174945	26.553	ng/ul	0.00
7) Phenol-d5	6.852	99	264981	33.753	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	132592	28.736	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132	188626	33.862	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	227214	36.267	ng/ul	0.00
21) Nitrobenzene-d5	8.804	128	91451	29.187	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	115110	31.732	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	260496	33.787	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	269451	29.577	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	863528	29.397	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	918622	29.443	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	150290	30.497	ng/ul	0.00
60) Fluorene-d10	15.292	176	752859	29.548	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	180753	27.909	ng/ul	0.00
73) Anthracene-d10	17.169	188	1344986	29.034	ng/ul	0.00
81) Pyrene-d10	19.557	212	1674803	33.836	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.545	264	1433343	29.907	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	22772	8.825	ng/uL	99
5) Pyridine	3.622	79	176106	26.069	ng/ul	94
6) Benzaldehyde	6.816	77	41274	9.729	ng/ul	97
8) Phenol	6.875	94	276926	33.905	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.093	93	182872	29.916	ng/ul	98
12) 2-Chlorophenol	7.234	128	194677	33.796	ng/ul	98
13) 2-Methylphenol	8.105	108	207149	34.947	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.169	45	211136	29.720	ng/ul	99
16) Acetophenone	8.475	105	326234	31.541	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.457	70	175126	33.419	ng/ul	97
18) 4-Methylphenol	8.428	108	234167	35.610	ng/ul	96
19) Hexachloroethane	8.722	117	76709	28.594	ng/ul	97
22) Nitrobenzene	8.846	77	257169	27.497	ng/ul	98
23) Isophorone	9.369	82	512557	30.566	ng/ul	98
25) 2-Nitrophenol	9.546	139	119714	30.621	ng/ul	98
26) 2,4-Dimethylphenol	9.610	107	267041	31.426	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.834	93	285103	29.943	ng/ul	98
29) 2,4-Dichlorophenol	10.081	162	260784	34.348	ng/ul	98
30) Naphthalene	10.469	128	627509	28.911	ng/ul	99
32) 4-Chloroaniline	10.581	127	166235	18.485	ng/ul	98
33) Hexachlorobutadiene	10.751	225	182589	28.533	ng/ul	99
34) Caprolactam	11.363	113	82354m	33.645	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	291261	35.160	ng/ul	99
36) 2-Methylnaphthalene	12.075	142	502503	31.540	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.298	142	500631	30.786	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.445	216	380451	27.830	ng/ul	94
40)	Hexachlorocyclopentadiene	12.422	237	132751	15.938	ng/ul	97
41)	2,4,6-Trichlorophenol	12.698	196	264695	30.782	ng/ul	100
42)	2,4,5-Trichlorophenol	12.769	196	290626	31.741	ng/ul	99
43)	1,1'-Biphenyl	13.092	154	752358	28.232	ng/ul	99
44)	2-Chloronaphthalene	13.140	162	611538	28.032	ng/ul	98
45)	2-Nitroaniline	13.351	65	194098	29.797	ng/ul	98
47)	Dimethylphthalate	13.734	163	853393	29.155	ng/ul	100
48)	2,6-Dinitrotoluene	13.851	165	181522	32.786	ng/ul	97
50)	Acenaphthylene	13.998	152	920216	28.419	ng/ul	100
51)	3-Nitroaniline	14.187	138	162382	31.227	ng/ul	99
52)	Acenaphthene	14.339	153	660850	28.862	ng/ul	99
53)	2,4-Dinitrophenol	14.410	184	114611	28.136	ng/ul	96
55)	4-Nitrophenol	14.516	109	169565	31.002	ng/ul	92
56)	Dibenzofuran	14.687	168	1007422	29.290	ng/ul	99
57)	2,4-Dinitrotoluene	14.663	165	282530	32.840	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	14.922	232	277275	32.444	ng/ul	97
59)	Diethylphthalate	15.110	149	871215	31.024	ng/ul	99
61)	Fluorene	15.345	166	849739	30.321	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.339	204	481362	30.036	ng/ul	100
63)	4-Nitroaniline	15.375	138	187559	35.845	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.434	198	191212	27.410	ng/ul	100
67)	N-Nitrosodiphenylamine	15.557	169	745306	28.263	ng/ul	99
68)	4-Bromophenyl-phenylether	16.251	248	349441	29.426	ng/ul	98
69)	Hexachlorobenzene	16.375	284	431321	29.508	ng/ul	98
70)	Atrazine	16.528	200	344651	31.442	ng/ul	97
71)	Pentachlorophenol	16.733	266	283066	30.118	ng/ul	98
72)	Phenanthrene	17.122	178	1491929	28.318	ng/ul	99
74)	Anthracene	17.204	178	1496072	28.455	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.069	216	390507	26.044	ng/uL	97
76)	Pentachlorobenzene	14.598	250	439927	26.541	ng/uL	98
77)	Carbazole	17.492	167	1330727	28.605	ng/ul	99
78)	Di-n-butylphthalate	18.080	149	1519389	29.517	ng/ul	100
80)	Fluoranthene	19.210	202	1953594	34.332	ng/ul	99
82)	Pyrene	19.586	202	2023699	33.181	ng/ul	99
83)	Butylbenzylphthalate	20.533	149	735597	34.642	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.404	252	639306	28.653	ng/ul	98
85)	Benzo(a)anthracene	21.480	228	1899058	28.941	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.421	149	1051627	34.503	ng/ul	99
87)	Chrysene	21.545	228	1751410	28.786	ng/ul	99
89)	Di-n-octyl phthalate	22.663	149	1672636	39.184	ng/ul	100
90)	Benzo(b)fluoranthene	23.739	252	1720358	30.455	ng/ul#	99
91)	Benzo(k)fluoranthene	23.804	252	1724790	31.186	ng/ul	99
93)	Benzo(a)pyrene	24.610	252	1504305	28.935	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.468	276	1811497	26.111	ng/ul#	96
95)	Dibenzo(a,h)anthracene	28.527	278	1460655	25.999	ng/ul	99
96)	Benzo(g,h,i)perylene	29.603	276	1398586m	25.917	ng/ul	

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

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