Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018350.D
Acq On : 25 Nov 2023 04:37
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020692

Quant Time: Nov 25 05:07:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	428542	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1582787	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	807754	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1413673	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1388477	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1698820	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	92801	8.111	ng/uL	0.00
4) Pyridine-d5	3.687	84	601004	19.114	ng/ul	0.00
7) Phenol-d5	7.028	99	727492	18.575	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	431456	18.423	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	621455	18.899	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	558095	17.658	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	270887	21.071	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	251878	21.214	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	558134	19.485	ng/ul	0.00
31) 4-Chloroaniline-d4	10.805	131	739680	19.146	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	1305932	18.170	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	1614026	19.708	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	172810	17.416	ng/ul	0.00
60) Fluorene-d10	15.493	176	1100825	18.311	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	111793	18.577	ng/ul	0.00
73) Anthracene-d10	17.345	188	1505918	19.930	ng/ul	0.00
81) Pyrene-d10	19.586	212	1658841	15.011	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	1921936	19.514	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	98320	8.014	ng/uL#	90
5) Pyridine	3.705	79	606352	19.139	ng/ul	98
6) Benzaldehyde	7.005	77	434302	20.955	ng/ul	96
8) Phenol	7.058	94	716290	18.645	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.293	93	613523	19.172	ng/ul	97
12) 2-Chlorophenol	7.428	128	622461	18.868	ng/ul	97
13) 2-Methylphenol	8.311	108	545962	18.245	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	764343	16.803	ng/ul	97
16) Acetophenone	8.693	105	867283	17.933	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.681	70	396569	14.679	ng/ul	95
18) 4-Methylphenol	8.640	108	570254	17.846	ng/ul	100
19) Hexachloroethane	8.952	117	262901	19.083	ng/ul	96
22) Nitrobenzene	9.069	77	601799	19.981	ng/ul	96
23) Isophorone	9.599	82	1101691	16.412	ng/ul	99
25) 2-Nitrophenol	9.781	139	287691	21.536	ng/ul	95
26) 2,4-Dimethylphenol	9.846	107	556884	18.568	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.087	93	740100	18.255	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	536525	19.554	ng/ul	99
30) Naphthalene	10.716	128	1890728	19.751	ng/ul	100
32) 4-Chloroaniline	10.828	127	703701	19.303	ng/ul	100
33) Hexachlorobutadiene	11.005	225	407962	21.800	ng/ul	99
34) Caprolactam	11.587	113	109449	13.842	ng/ul	94
35) 4-Chloro-3-methylphenol	11.952	107	452000	15.407	ng/ul	96
36) 2-Methylnaphthalene	12.328	142	1211572	17.883	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.546	142	1207589	17.707	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.693	216	680648	23.859	ng/ul	99
40)	Hexachlorocyclopentadiene	12.675	237	373727	23.130	ng/ul	99
41)	2,4,6-Trichlorophenol	12.934	196	364796	21.292	ng/ul	99
42)	2,4,5-Trichlorophenol	12.999	196	374551	20.217	ng/ul	97
43)	1,1'-Biphenyl	13.340	154	1511548	21.477	ng/ul	99
44)	2-Chloronaphthalene	13.375	162	1197501	21.498	ng/ul	99
45)	2-Nitroaniline	13.581	65	216593	18.071	ng/ul	87
47)	Dimethylphthalate	13.963	163	1293729	18.396	ng/ul	99
48)	2,6-Dinitrotoluene	14.075	165	219716	18.531	ng/ul	94
50)	Acenaphthylene	14.222	152	1812987	19.860	ng/ul	99
51)	3-Nitroaniline	14.404	138	222597	18.896	ng/ul	91
52)	Acenaphthene	14.563	153	1174800	19.700	ng/ul	100
53)	2,4-Dinitrophenol	14.604	184	65847	15.919	ng/ul	98
55)	4-Nitrophenol	14.698	109	128323	17.457	ng/ul	96
56)	Dibenzofuran	14.898	168	1583761	19.426	ng/ul	98
57)	2,4-Dinitrotoluene	14.857	165	287992	17.974	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.122	232	265377	18.240	ng/ul	97
59)	Diethylphthalate	15.328	149	1150933	16.292	ng/ul	99
61)	Fluorene	15.545	166	1231018	18.516	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.545	204	638931	18.925	ng/ul	98
63)	4-Nitroaniline	15.563	138	209255	18.822	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.616	198	125001	18.729	ng/ul#	96
67)	N-Nitrosodiphenylamine	15.757	169	974802	20.334	ng/ul	100
68)	4-Bromophenyl-phenylether	16.440	248	344803	19.318	ng/ul	99
69)	Hexachlorobenzene	16.545	284	420617	21.080	ng/ul	97
70)	Atrazine	16.716	200	276299	18.879	ng/ul	99
71)	Pentachlorophenol	16.892	266	206037	20.096	ng/ul	99
72)	Phenanthrene	17.292	178	1736624	20.196	ng/ul	100
74)	Anthracene	17.381	178	1737960	20.024	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.299	216	653430	26.891	ng/uL	99
76)	Pentachlorobenzene	14.816	250	568966	24.105	ng/uL	98
77)	Carbazole	17.651	167	1487726	21.157	ng/ul	98
78)	Di-n-butylphthalate	18.216	149	1652538	16.896	ng/ul	100
80)	Fluoranthene	19.263	202	1911821	14.482	ng/ul	98
82)	Pyrene	19.616	202	2026128	15.242	ng/ul	97
83)	Butylbenzylphthalate	20.510	149	678857	13.799	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.275	252	692315	20.616	ng/ul	100
85)	Benzo(a)anthracene	21.339	228	2190895	19.361	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.292	149	1095583	14.844	ng/ul	99
87)	Chrysene	21.392	228	2067125	20.075	ng/ul	99
89)	Di-n-octyl phthalate	22.245	149	1829689	14.629	ng/ul	100
90)	Benzo(b)fluoranthene	23.039	252	2319620	18.799	ng/ul	99
91)	Benzo(k)fluoranthene	23.092	252	2365529	19.257	ng/ul	99
93)	Benzo(a)pyrene	23.674	252	2246121	19.793	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.357	276	2763252	21.059	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.392	278	2308211	21.488	ng/ul	98
96)	Benzo(g,h,i)perylene	27.145	276	2271605	21.377	ng/ul	98

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

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