Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018395.D
Acq On : 27 Nov 2023 11:44
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020696

Quant Time: Nov 27 21:48:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 27 21:50:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	393198	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1560367	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	852523	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1466126	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1252950	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	1475812	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	82225	7.832	ng/uL	0.00
4) Pyridine-d5	3.687	84	553480	19.185	ng/ul	0.00
7) Phenol-d5	7.028	99	681535	18.966	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	410699	19.113	ng/ul	0.00
11) 2-Chlorophenol-d4	7.392	132	572562	18.977	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	541427	18.670	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	261270	20.615	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	241252	20.611	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	554046	19.620	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	745538	19.575	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	1459238	19.236	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	1706946	19.748	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	162435	15.511	ng/ul	0.00
60) Fluorene-d10	15.486	176	1189068	18.741	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	117243	18.785	ng/ul	0.00
73) Anthracene-d10	17.345	188	1531628	19.545	ng/ul	0.00
81) Pyrene-d10	19.592	212	1554074	15.584	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.697	264	1679153	19.625	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	86852	7.715	ng/uL#	88
5) Pyridine	3.704	79	551954	18.988	ng/ul	97
6) Benzaldehyde	6.998	77	395148	20.780	ng/ul	98
8) Phenol	7.051	94	679243	19.270	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.292	93	578318	19.696	ng/ul	98
12) 2-Chlorophenol	7.422	128	582548	19.246	ng/ul	97
13) 2-Methylphenol	8.310	108	518614	18.889	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.392	45	733007	17.563	ng/ul	98
16) Acetophenone	8.687	105	842419	18.984	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	381886	15.406	ng/ul	96
18) 4-Methylphenol	8.639	108	556140	18.969	ng/ul	97
19) Hexachloroethane	8.945	117	238691	18.883	ng/ul	97
22) Nitrobenzene	9.063	77	583572	19.654	ng/ul	97
23) Isophorone	9.592	82	1101573	16.646	ng/ul	99
25) 2-Nitrophenol	9.775	139	274980	20.880	ng/ul	95
26) 2,4-Dimethylphenol	9.839	107	533217	18.034	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.081	93	745364	18.649	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	538616	19.912	ng/ul	98
30) Naphthalene	10.716	128	1853318	19.638	ng/ul	99
32) 4-Chloroaniline	10.822	127	705553	19.631	ng/ul	100
33) Hexachlorobutadiene	10.998	225	398271	21.588	ng/ul	99
34) Caprolactam	11.592	113	113559	14.568	ng/ul	88
35) 4-Chloro-3-methylphenol	11.951	107	478316	16.539	ng/ul	98
36) 2-Methylnaphthalene	12.322	142	1234047	18.476	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	1242117	18.475	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.686	216	695008	23.083	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	330759	19.396	ng/ul	99
41) 2,4,6-Trichlorophenol	12.927	196	387382	21.423	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	399664	20.440	ng/ul	99
43) 1,1'-Biphenyl	13.333	154	1582833	21.309	ng/ul	98
44) 2-Chloronaphthalene	13.374	162	1244535	21.169	ng/ul	99
45) 2-Nitroaniline	13.574	65	227806	18.009	ng/ul	94
47) Dimethylphthalate	13.957	163	1441465	19.421	ng/ul	99
48) 2,6-Dinitrotoluene	14.074	165	241447	19.295	ng/ul	95
50) Acenaphthylene	14.216	152	1929133	20.023	ng/ul	99
51) 3-Nitroaniline	14.404	138	229626	18.469	ng/ul	93
52) Acenaphthene	14.563	153	1259769	20.016	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	76209	17.456	ng/ul	97
55) 4-Nitrophenol	14.704	109	126711	16.332	ng/ul	94
56) Dibenzofuran	14.898	168	1690009	19.641	ng/ul	97
57) 2,4-Dinitrotoluene	14.857	165	314762	18.614	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.116	232	289310	18.840	ng/ul	98
59) Diethylphthalate	15.327	149	1342273	18.003	ng/ul	100
61) Fluorene	15.545	166	1316991	18.768	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.545	204	693637	19.467	ng/ul	98
63) 4-Nitroaniline	15.563	138	197407	16.824	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.616	198	131348	18.976	ng/ul#	99
67) N-Nitrosodiphenylamine	15.757	169	1043451	20.987	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	385517	20.827	ng/ul	97
69) Hexachlorobenzene	16.545	284	461891	22.320	ng/ul	94
70) Atrazine	16.715	200	293529	19.339	ng/ul	99
71) Pentachlorophenol	16.892	266	201911	18.989	ng/ul	99
72) Phenanthrene	17.292	178	1806065	20.252	ng/ul	100
74) Anthracene	17.380	178	1800039	19.997	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	675339	26.798	ng/uL	98
76) Pentachlorobenzene	14.810	250	619015	25.287	ng/uL	99
77) Carbazole	17.651	167	1450855	19.895	ng/ul	99
78) Di-n-butylphthalate	18.215	149	1755223	17.303	ng/ul	99
80) Fluoranthene	19.262	202	1820369	15.281	ng/ul	99
82) Pyrene	19.615	202	1906851	15.896	ng/ul	100
83) Butylbenzylphthalate	20.521	149	588166	13.249	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.304	252	550817	18.176	ng/ul	99
85) Benzo(a)anthracene	21.356	228	1997120	19.558	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	906196	13.606	ng/ul	100
87) Chrysene	21.409	228	1845622	19.862	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	1425217	13.117	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	2017812	18.824	ng/ul	99
91) Benzo(k)fluoranthene	23.150	252	2113103	19.802	ng/ul	100
93) Benzo(a)pyrene	23.750	252	1978773	20.072	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.562	276	2353315	20.645	ng/ul	97
95) Dibenzo(a,h)anthracene	26.627	278	1949061	20.886	ng/ul	98
96) Benzo(g,h,i)perylene	27.380	276	1937093	20.983	ng/ul	99

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

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