Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
Data File : BP018498.D
Acq On : 02 Dec 2023 04:43
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020702

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 05:13:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 21:56:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	382862	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1681747	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	1076145	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2131633	20.000	ng/ul	0.00
79) Chrysene-d12	21.322	240	1537379	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	1760297	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	85733	7.631	ng/uL	0.00
4) Pyridine-d5	3.693	84	634897	21.097	ng/ul	0.00
7) Phenol-d5	7.028	99	792696	20.632	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	488424	21.448	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	600533	20.031	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	644810	20.737	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	306953	20.507	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	311583	20.078	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	644182	20.301	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	900424	21.713	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1903695	19.820	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	2173784	20.554	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	312522	19.823	ng/ul	0.00
60) Fluorene-d10	15.481	176	1610241	19.973	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	239484	18.737	ng/ul	0.00
73) Anthracene-d10	17.334	188	2279577	20.342	ng/ul	0.00
81) Pyrene-d10	19.569	212	2305048	19.261	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	2050438	19.977	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	94794	7.694	ng/uL	95
5) Pyridine	3.711	79	641813	21.119	ng/ul	96
6) Benzaldehyde	7.005	77	477519	24.072	ng/ul	97
8) Phenol	7.058	94	793007	21.046	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.293	93	663455	21.440	ng/ul	99
12) 2-Chlorophenol	7.422	128	607897	20.035	ng/ul	99
13) 2-Methylphenol	8.311	108	601500	20.852	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	836597	21.307	ng/ul	99
16) Acetophenone	8.687	105	1009531	21.785	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.681	70	505055	19.812	ng/ul	98
18) 4-Methylphenol	8.640	108	662588	21.036	ng/ul	97
19) Hexachloroethane	8.940	117	253061	20.344	ng/ul	100
22) Nitrobenzene	9.069	77	744395	20.455	ng/ul	98
23) Isophorone	9.599	82	1462489	19.710	ng/ul	98
25) 2-Nitrophenol	9.775	139	345064	20.767	ng/ul	99
26) 2,4-Dimethylphenol	9.840	107	649479	19.986	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.081	93	944065	20.153	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	621247	20.326	ng/ul	98
30) Naphthalene	10.710	128	2071057	20.300	ng/ul	99
32) 4-Chloroaniline	10.822	127	862141	21.813	ng/ul	99
33) Hexachlorobutadiene	10.999	225	417334	20.388	ng/ul	99
34) Caprolactam	11.599	113	177889m	18.981	ng/ul	
35) 4-Chloro-3-methylphenol	11.946	107	669638	19.557	ng/ul	100
36) 2-Methylnaphthalene	12.322	142	1441339	19.942	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	1446621	19.819	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	812810	20.818	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	469047	20.268	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	518431	20.641	ng/ul	99
42) 2,4,5-Trichlorophenol	12.993	196	553005	20.309	ng/ul	97
43) 1,1'-Biphenyl	13.328	154	1918238	20.610	ng/ul	100
44) 2-Chloronaphthalene	13.369	162	1517245	20.640	ng/ul	99
45) 2-Nitroaniline	13.575	65	408310	20.490	ng/ul	100
47) Dimethylphthalate	13.957	163	1882234	19.908	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	360482	20.181	ng/ul	95
50) Acenaphthylene	14.216	152	2446162	20.572	ng/ul	100
51) 3-Nitroaniline	14.398	138	375683	21.069	ng/ul	99
52) Acenaphthene	14.557	153	1602960	20.388	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	157200	16.605	ng/ul	99
55) 4-Nitrophenol	14.704	109	234985	19.728	ng/ul	97
56) Dibenzofuran	14.893	168	2216271	20.282	ng/ul	97
57) 2,4-Dinitrotoluene	14.851	165	497465	19.799	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.116	232	449852	19.695	ng/ul	97
59) Diethylphthalate	15.322	149	1790726	19.356	ng/ul	100
61) Fluorene	15.540	166	1737477	20.095	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.540	204	908544	20.035	ng/ul	95
63) 4-Nitroaniline	15.563	138	359475	21.162	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.616	198	268844	19.674	ng/ul	94
67) N-Nitrosodiphenylamine	15.751	169	1487502	21.059	ng/ul	100
68) 4-Bromophenyl-phenylether	16.434	248	543352	20.191	ng/ul	95
69) Hexachlorobenzene	16.540	284	620553	20.654	ng/ul	99
70) Atrazine	16.704	200	454688	21.651	ng/ul	100
71) Pentachlorophenol	16.881	266	355140	19.874	ng/ul	99
72) Phenanthrene	17.281	178	2646792	20.559	ng/ul	100
74) Anthracene	17.369	178	2653087	20.559	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	814599	22.101	ng/uL	98
76) Pentachlorobenzene	14.804	250	774067	21.380	ng/uL	99
77) Carbazole	17.645	167	2252309	21.899	ng/ul	99
78) Di-n-butylphthalate	18.204	149	2618566	19.121	ng/ul	100
80) Fluoranthene	19.245	202	2747178	19.420	ng/ul	99
82) Pyrene	19.598	202	2795511	19.589	ng/ul	99
83) Butylbenzylphthalate	20.480	149	933324	17.865	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.245	252	793592	21.242	ng/ul	99
85) Benzo(a)anthracene	21.304	228	2518905	20.186	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	1301736	18.128	ng/ul	100
87) Chrysene	21.357	228	2321406	20.201	ng/ul	99
89) Di-n-octyl phthalate	22.157	149	2152939	16.751	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	2465294	18.995	ng/ul	98
91) Benzo(k)fluoranthene	23.016	252	2473339	19.696	ng/ul	100
93) Benzo(a)pyrene	23.592	252	2389915	20.152	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.168	276	3093084	21.830	ng/ul	99
95) Dibenzo(a,h)anthracene	26.186	278	2582979	21.914	ng/ul	100
96) Benzo(g,h,i)perylene	26.921	276	2514694	22.053	ng/ul	99

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

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