Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011623\
Data File : BP013486.D
Acq On : 16 Jan 2023 17:58
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Jan 17 03:48:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 03:32:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	581742	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	2369507	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1565597	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	3463073	20.000	ng		0.00
76) Chrysene-d12	21.404	240	2624857	20.000	ng		0.00
86) Perylene-d12	23.862	264	2383296	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	2654511	80.155	ng		0.00
7) Phenol-d6	7.069	99	3707630	79.202	ng		0.00
23) Nitrobenzene-d5	9.075	82	3588283	80.455	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	1928438	78.911	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	8709698	81.325	ng		0.00
79) Terphenyl-d14	19.869	244	11679423	90.968	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	531019	40.891	ng		100
3) Pyridine	3.746	79	1616106	39.919	ng		99
4) n-Nitrosodimethylamine	3.652	42	794112	40.904	ng		100
6) Aniline	7.234	93	2424357	38.756	ng		99
8) 2-Chlorophenol	7.463	128	1493170	38.959	ng		99
9) Benzaldehyde	7.046	77	1048797	37.115	ng		98
10) Phenol	7.099	94	1903194	39.388	ng		99
11) bis(2-Chloroethyl)ether	7.328	93	1530895	39.086	ng		99
12) 1,3-Dichlorobenzene	7.793	146	1581049	39.155	ng		99
13) 1,4-Dichlorobenzene	7.940	146	1609619	39.114	ng		99
14) 1,2-Dichlorobenzene	8.257	146	1558835	38.773	ng		100
15) Benzyl Alcohol	8.152	79	1391493	38.577	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	2372086	39.145	ng		99
17) 2-Methylphenol	8.351	107	1383556	38.680	ng		99
18) Hexachloroethane	8.987	117	572659	39.294	ng		98
19) n-Nitroso-di-n-propyla...	8.722	70	1309353	39.188	ng		99
20) 3+4-Methylphenols	8.681	107	1925358	38.743	ng		100
22) Acetophenone	8.734	105	2384237	39.291	ng	#	99
24) Nitrobenzene	9.116	77	1834747	39.770	ng		100
25) Isophorone	9.646	82	3607048	39.290	ng		99
26) 2-Nitrophenol	9.828	139	903769	39.631	ng		98
27) 2,4-Dimethylphenol	9.887	122	1494120	39.799	ng		99
28) bis(2-Chloroethoxy)met...	10.128	93	2130646	39.351	ng		99
29) 2,4-Dichlorophenol	10.363	162	1560011	39.600	ng		99
30) 1,2,4-Trichlorobenzene	10.581	180	1660057	39.818	ng		98
31) Naphthalene	10.769	128	4933881	39.377	ng		100
32) Benzoic acid	10.051	122	1277499	40.798	ng		99
33) 4-Chloroaniline	10.881	127	2230927	38.977	ng		99
34) Hexachlorobutadiene	11.045	225	1065398	40.540	ng		99
35) Caprolactam	11.692	113	531741	37.882	ng		96
36) 4-Chloro-3-methylphenol	12.004	107	1683342	39.213	ng		99
37) 2-Methylnaphthalene	12.375	142	3673698	39.054	ng		100
38) 1-Methylnaphthalene	12.592	142	3476359	39.175	ng		100
40) 1,2,4,5-Tetrachloroben...	12.745	216	2066844	40.277	ng		99
41) Hexachlorocyclopentadiene	12.716	237	1146147	42.835	ng		99
43) 2,4,6-Trichlorophenol	12.987	196	1420692	40.265	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	1667610	40.278	ng	99
46) 1,1'-Biphenyl	13.387	154	4699933	39.707	ng	100
47) 2-Chloronaphthalene	13.428	162	3594538	39.594	ng	99
48) 2-Nitroaniline	13.639	65	1196419	40.038	ng	97
49) Acenaphthylene	14.275	152	5868071	39.197	ng	99
50) Dimethylphthalate	14.016	163	4861771	39.162	ng	99
51) 2,6-Dinitrotoluene	14.134	165	1074570	39.679	ng	98
52) Acenaphthene	14.616	154	3522261	39.750	ng	99
53) 3-Nitroaniline	14.469	138	1137675	39.265	ng	99
54) 2,4-Dinitrophenol	14.675	184	718993	39.072	ng	98
55) Dibenzofuran	14.951	168	5813692	39.572	ng	99
56) 4-Nitrophenol	14.775	139	894111	38.407	ng	99
57) 2,4-Dinitrotoluene	14.928	165	1457130	39.346	ng	100
58) Fluorene	15.604	166	4597883	39.659	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.181	232	1425971	39.830	ng	100
60) Diethylphthalate	15.375	149	4757241	39.159	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	2479889	40.278	ng	99
62) 4-Nitroaniline	15.633	138	1147689	38.690	ng	97
63) Azobenzene	15.892	77	4439708	39.801	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	972251	41.052	ng	99
66) n-Nitrosodiphenylamine	15.816	169	4114861	40.437	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	1614234	40.491	ng	97
68) Hexachlorobenzene	16.610	284	1732535	39.908	ng	98
69) Atrazine	16.775	200	1459548	39.162	ng	99
70) Pentachlorophenol	16.963	266	1311922	41.232	ng	99
71) Phenanthrene	17.357	178	7276305	39.822	ng	100
72) Anthracene	17.445	178	7395968	39.778	ng	100
73) Carbazole	17.722	167	6513235	38.461	ng	100
74) Di-n-butylphthalate	18.263	149	7818925	39.778	ng	100
75) Fluoranthene	19.322	202	8316035	37.889	ng	99
77) Benzidine	19.504	184	3189485	40.893	ng	100
78) Pyrene	19.674	202	8498024	49.224	ng	100
80) Butylbenzylphthalate	20.539	149	3068698	41.120	ng	95
81) Benzo(a)anthracene	21.386	228	7210587	40.791	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	2420003	36.642	ng	98
83) Chrysene	21.445	228	6805474	40.746	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	4015546	37.183	ng	100
85) Di-n-octyl phthalate	22.239	149	5881171	32.079	ng	99
87) Indeno(1,2,3-cd)pyrene	26.433	276	6833556	39.648	ng	99
88) Benzo(b)fluoranthene	23.110	252	5813464	41.082	ng	99
89) Benzo(k)fluoranthene	23.162	252	6004716	43.719	ng	99
90) Benzo(a)pyrene	23.757	252	5626755	40.475	ng	99
91) Dibenzo(a,h)anthracene	26.451	278	5686177	39.623	ng	99
92) Benzo(g,h,i)perylene	27.221	276	5619487	39.686	ng	99

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

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