Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013553.D
Acq On : 23 Jan 2023 18:39
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP012323

Quant Time: Jan 24 04:46:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 04:44:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.169	152	307884	20.000	ng		0.00
21) Naphthalene-d8	10.998	136	1268184	20.000	ng		0.00
39) Acenaphthene-d10	14.804	164	742399	20.000	ng		0.00
64) Phenanthrene-d10	17.557	188	1433898	20.000	ng		0.00
76) Chrysene-d12	21.633	240	1015368	20.000	ng		0.00
86) Perylene-d12	24.227	264	1066225	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	1367397	76.095	ng		0.00
7) Phenol-d6	7.304	99	1863102	77.036	ng		0.00
23) Nitrobenzene-d5	9.340	82	1587028	82.614	ng		0.00
42) 2,4,6-Tribromophenol	16.292	330	606126	81.396	ng		0.00
45) 2-Fluorobiphenyl	13.433	172	3997051	73.903	ng		0.00
79) Terphenyl-d14	20.086	244	4371237	77.448	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	272995	37.685	ng		97
3) Pyridine	3.940	79	804534	37.411	ng		99
4) n-Nitrosodimethylamine	3.852	42	360645	37.091	ng		98
6) Aniline	7.481	93	1243239	38.267	ng		99
8) 2-Chlorophenol	7.722	128	778318	39.252	ng		100
9) Benzaldehyde	7.293	77	528971	34.538	ng		99
10) Phenol	7.334	94	961786	38.384	ng		99
11) bis(2-Chloroethyl)ether	7.581	93	775792	37.865	ng		100
12) 1,3-Dichlorobenzene	8.057	146	826890	37.709	ng		98
13) 1,4-Dichlorobenzene	8.204	146	839331	37.749	ng		99
14) 1,2-Dichlorobenzene	8.528	146	815583	37.882	ng		99
15) Benzyl Alcohol	8.404	79	670831	38.823	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.704	45	1071046	38.176	ng		98
17) 2-Methylphenol	8.604	107	697658	38.338	ng		99
18) Hexachloroethane	9.263	117	291834	39.268	ng		98
19) n-Nitroso-di-n-propyla...	8.981	70	603321	38.731	ng		99
20) 3+4-Methylphenols	8.934	107	938013	39.161	ng		98
22) Acetophenone	8.998	105	1204423	37.021	ng	#	100
24) Nitrobenzene	9.381	77	834008	40.379	ng		98
25) Isophorone	9.910	82	1671680	36.688	ng		99
26) 2-Nitrophenol	10.098	139	295785	42.146	ng		99
27) 2,4-Dimethylphenol	10.151	122	749604	38.110	ng		99
28) bis(2-Chloroethoxy)met...	10.392	93	1028419	37.453	ng		100
29) 2,4-Dichlorophenol	10.634	162	707699	39.116	ng		100
30) 1,2,4-Trichlorobenzene	10.857	180	765047	37.053	ng		99
31) Naphthalene	11.051	128	2546353	37.348	ng		99
32) Benzoic acid	10.269	122	344121	40.030	ng		96
33) 4-Chloroaniline	11.151	127	1121210	37.166	ng		99
34) Hexachlorobutadiene	11.334	225	449944	37.447	ng		99
35) Caprolactam	11.922	113	221138	37.701	ng		97
36) 4-Chloro-3-methylphenol	12.257	107	754003	38.267	ng		97
37) 2-Methylnaphthalene	12.645	142	1809077	37.330	ng		99
38) 1-Methylnaphthalene	12.863	142	1691617	37.148	ng		100
40) 1,2,4,5-Tetrachloroben...	13.004	216	854510	37.386	ng		100
41) Hexachlorocyclopentadiene	12.986	237	428491	37.871	ng		97
43) 2,4,6-Trichlorophenol	13.239	196	537312	40.167	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	629795	39.842	ng	99
46) 1,1'-Biphenyl	13.639	154	2201142	36.918	ng	99
47) 2-Chloronaphthalene	13.686	162	1644062	36.807	ng	100
48) 2-Nitroaniline	13.880	65	413324	38.427	ng	95
49) Acenaphthylene	14.527	152	2712057	37.127	ng	99
50) Dimethylphthalate	14.251	163	2047265	37.097	ng	100
51) 2,6-Dinitrotoluene	14.369	165	403482	38.557	ng	96
52) Acenaphthene	14.869	154	1670309	37.017	ng	99
53) 3-Nitroaniline	14.698	138	445177	37.428	ng	96
54) 2,4-Dinitrophenol	14.898	184	111953	43.064	ng	95
55) Dibenzofuran	15.198	168	2546417	36.802	ng	100
56) 4-Nitrophenol	14.986	139	333310	38.535	ng	97
57) 2,4-Dinitrotoluene	15.151	165	492524	39.531	ng	96
58) Fluorene	15.851	166	1999752	36.362	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.422	232	477233	39.318	ng	99
60) Diethylphthalate	15.616	149	1976649	36.672	ng	100
61) 4-Chlorophenyl-phenyle...	15.839	204	987451	36.516	ng	100
62) 4-Nitroaniline	15.863	138	442006	38.280	ng	96
63) Azobenzene	16.133	77	1883157	35.955	ng	99
65) 4,6-Dinitro-2-methylph...	15.916	198	175879	42.678	ng	95
66) n-Nitrosodiphenylamine	16.051	169	1723086	36.849	ng	99
67) 4-Bromophenyl-phenylether	16.739	248	577260	36.344	ng	99
68) Hexachlorobenzene	16.857	284	624311	36.389	ng	99
69) Atrazine	17.004	200	508797	38.029	ng	98
70) Pentachlorophenol	17.198	266	381726	36.445	ng	98
71) Phenanthrene	17.598	178	2873356	36.016	ng	100
72) Anthracene	17.692	178	2909016	35.926	ng	100
73) Carbazole	17.951	167	2567345	35.281	ng	100
74) Di-n-butylphthalate	18.492	149	2910043	35.932	ng	100
75) Fluoranthene	19.545	202	2901574	34.200	ng	100
77) Benzidine	19.715	184	1022006	40.020	ng	99
78) Pyrene	19.898	202	2965108	38.191	ng	99
80) Butylbenzylphthalate	20.757	149	979852	39.639	ng	97
81) Benzo(a)anthracene	21.615	228	2572877	36.372	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	827540	36.309	ng	98
83) Chrysene	21.674	228	2467330	36.468	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	1415865	35.790	ng	100
85) Di-n-octyl phthalate	22.521	149	2216483	34.751	ng	99
87) Indeno(1,2,3-cd)pyrene	26.974	276	3030533	38.588	ng	100
88) Benzo(b)fluoranthene	23.433	252	2413730	36.800	ng	99
89) Benzo(k)fluoranthene	23.486	252	2511264	37.537	ng	99
90) Benzo(a)pyrene	24.109	252	2365278	37.174	ng	99
91) Dibenzo(a,h)anthracene	27.003	278	2559504	38.854	ng	100
92) Benzo(g,h,i)perylene	27.821	276	2491107	38.741	ng	100

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

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