Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082622\
Data File : BP011580.D
Acq On : 26 Aug 2022 15:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP082622

Quant Time: Aug 27 00:39:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP082622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 27 00:36:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.546	152	118366	20.000	ng		0.00
21) Naphthalene-d8	10.340	136	514119	20.000	ng	#	0.00
39) Acenaphthene-d10	14.228	164	341818	20.000	ng		0.00
64) Phenanthrene-d10	16.998	188	757661	20.000	ng		0.00
76) Chrysene-d12	21.128	240	825365	20.000	ng		0.00
86) Perylene-d12	23.416	264	858265	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.146	112	561708	77.824	ng		0.00
7) Phenol-d6	6.740	99	755694	78.486	ng		0.00
23) Nitrobenzene-d5	8.716	82	837516	76.166	ng		0.00
42) 2,4,6-Tribromophenol	15.734	330	390781	89.260	ng		0.00
45) 2-Fluorobiphenyl	12.840	172	1790654	78.793	ng		0.00
79) Terphenyl-d14	19.598	244	3345746	78.688	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	134771	37.652	ng		88
3) Pyridine	3.487	79	379866	39.055	ng		87
4) n-Nitrosodimethylamine	3.405	42	207640	36.651	ng		89
6) Aniline	6.893	93	447863	39.342	ng		96
8) 2-Chlorophenol	7.117	128	320176	38.924	ng		95
9) Benzaldehyde	6.705	77	225054	38.032	ng		99
10) Phenol	6.764	94	393040	38.975	ng		99
11) bis(2-Chloroethyl)ether	6.993	93	306446	39.260	ng		95
12) 1,3-Dichlorobenzene	7.434	146	340849	38.833	ng		99
13) 1,4-Dichlorobenzene	7.581	146	348742	39.067	ng		98
14) 1,2-Dichlorobenzene	7.893	146	336837	38.830	ng		98
15) Benzyl Alcohol	7.805	79	309304	39.743	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.093	45	434059	36.909	ng		92
17) 2-Methylphenol	8.005	107	276731	39.369	ng		98
18) Hexachloroethane	8.611	117	143074	38.488	ng		93
19) n-Nitroso-di-n-propyla...	8.375	70	278654	38.640	ng		94
20) 3+4-Methylphenols	8.340	107	391902	39.778	ng		99
22) Acetophenone	8.381	105	540566	38.627	ng	#	96
24) Nitrobenzene	8.758	77	420966	38.094	ng		96
25) Isophorone	9.287	82	729440	38.730	ng		97
26) 2-Nitrophenol	9.463	139	184091	41.947	ng		93
27) 2,4-Dimethylphenol	9.534	122	269911	39.474	ng		99
28) bis(2-Chloroethoxy)met...	9.775	93	389626	37.901	ng		97
29) 2,4-Dichlorophenol	9.993	162	310020	40.619	ng		99
30) 1,2,4-Trichlorobenzene	10.205	180	316967	39.226	ng		97
31) Naphthalene	10.387	128	1087794	38.338	ng		99
32) Benzoic acid	9.716	122	259910	41.961	ng		99
33) 4-Chloroaniline	10.516	127	462385	39.211	ng		97
34) Hexachlorobutadiene	10.669	225	205350	39.881	ng		96
35) Caprolactam	11.346	113	118279	39.984	ng	#	78
36) 4-Chloro-3-methylphenol	11.657	107	394525	39.340	ng		99
37) 2-Methylnaphthalene	12.016	142	763880	38.749	ng		96
38) 1-Methylnaphthalene	12.240	142	757390	38.929	ng		96
40) 1,2,4,5-Tetrachloroben...	12.387	216	359567	41.078	ng	#	97
41) Hexachlorocyclopentadiene	12.363	237	173178	41.702	ng		98
43) 2,4,6-Trichlorophenol	12.646	196	260124	41.493	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.716	196	292343	41.096	ng	#	93
46) 1,1'-Biphenyl	13.051	154	998567	39.039	ng		98
47) 2-Chloronaphthalene	13.087	162	759552	38.912	ng		95
48) 2-Nitroaniline	13.316	65	300365	39.786	ng		96
49) Acenaphthylene	13.946	152	1282429	39.172	ng		99
50) Dimethylphthalate	13.704	163	1089000	38.845	ng		100
51) 2,6-Dinitrotoluene	13.822	165	230342	40.563	ng	#	87
52) Acenaphthene	14.293	154	773278	38.886	ng		97
53) 3-Nitroaniline	14.157	138	262926	41.371	ng		97
54) 2,4-Dinitrophenol	14.369	184	140213	42.978	ng	#	85
55) Dibenzofuran	14.628	168	1213941	38.848	ng	#	90
56) 4-Nitrophenol	14.475	139	217319	42.016	ng		87
57) 2,4-Dinitrotoluene	14.622	165	332376	40.737	ng	#	84
58) Fluorene	15.287	166	1041178	39.064	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.863	232	274147	41.780	ng	#	85
60) Diethylphthalate	15.081	149	1204401	38.234	ng		97
61) 4-Chlorophenyl-phenyle...	15.287	204	477849	39.825	ng	#	87
62) 4-Nitroaniline	15.334	138	267704	42.129	ng		88
63) Azobenzene	15.581	77	1162590	37.097	ng		98
65) 4,6-Dinitro-2-methylph...	15.387	198	192884	42.223	ng		93
66) n-Nitrosodiphenylamine	15.510	169	887967	38.343	ng		97
67) 4-Bromophenyl-phenylether	16.192	248	309510	40.628	ng	#	91
68) Hexachlorobenzene	16.293	284	367915	41.579	ng		96
69) Atrazine	16.487	200	319937	39.796	ng		96
70) Pentachlorophenol	16.645	266	242656	43.580	ng		95
71) Phenanthrene	17.040	178	1680111	38.250	ng		98
72) Anthracene	17.134	178	1639488	38.608	ng		99
73) Carbazole	17.416	167	1554374	38.122	ng		97
74) Di-n-butylphthalate	17.987	149	2187770	38.476	ng		99
75) Fluoranthene	19.034	202	2012613	38.947	ng		98
77) Benzidine	19.234	184	752115	41.997	ng		97
78) Pyrene	19.392	202	2084353	38.624	ng		98
80) Butylbenzylphthalate	20.286	149	1073307	38.629	ng		96
81) Benzo(a)anthracene	21.116	228	2164868	38.748	ng		99
82) 3,3'-Dichlorobenzidine	21.057	252	757154	40.237	ng		98
83) Chrysene	21.169	228	2053810	38.202	ng		98
84) Bis(2-ethylhexyl)phtha...	21.057	149	1600178	38.049	ng		97
85) Di-n-octyl phthalate	21.951	149	2663490	37.658	ng		95
87) Indeno(1,2,3-cd)pyrene	25.786	276	2508799	41.410	ng		99
88) Benzo(b)fluoranthene	22.727	252	2087807	38.749	ng		99
89) Benzo(k)fluoranthene	22.775	252	2192897	39.062	ng		100
90) Benzo(a)pyrene	23.322	252	1783130	39.418	ng		99
91) Dibenzo(a,h)anthracene	25.804	278	2115147	41.190	ng		100
92) Benzo(g,h,i)perylene	26.510	276	1847618	40.013	ng		99

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

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