Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006528.D
Acq On : 06 Aug 2021 03:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 06 05:45:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	269693	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	1108949	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	626545	20.000	ng		0.00
64) Phenanthrene-d10	17.134	188	1203453	20.000	ng	#	0.00
76) Chrysene-d12	21.233	240	1140202	20.000	ng	#	0.00
86) Perylene-d12	23.557	264	1171077	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1361591	77.545	ng		0.00
7) Phenol-d6	6.940	99	1971978	79.061	ng		0.00
23) Nitrobenzene-d5	8.916	82	1919199	79.882	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	527875	80.615	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	3274539	78.193	ng		0.00
79) Terphenyl-d14	19.710	244	4558155	80.105	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	280496	36.693	ng		91
3) Pyridine	3.699	79	843754	37.553	ng		95
4) n-Nitrosodimethylamine	3.611	42	315330	37.184	ng	#	82
6) Aniline	7.093	93	1073703	39.629	ng		94
8) 2-Chlorophenol	7.322	128	747993	39.371	ng		90
9) Benzaldehyde	6.905	77	593761	39.552	ng		92
10) Phenol	6.964	94	978400	39.119	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	747888	39.381	ng		90
12) 1,3-Dichlorobenzene	7.646	146	765534	38.662	ng		96
13) 1,4-Dichlorobenzene	7.793	146	778830	38.756	ng		97
14) 1,2-Dichlorobenzene	8.105	146	742776	38.520	ng		95
15) Benzyl Alcohol	7.999	79	750068	40.100	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.293	45	897992	39.736	ng		92
17) 2-Methylphenol	8.205	107	635222	40.222	ng		100
18) Hexachloroethane	8.822	117	313259	39.384	ng	#	88
19) n-Nitroso-di-n-propyla...	8.569	70	667977	39.917	ng	#	96
20) 3+4-Methylphenols	8.534	107	863086	40.151	ng		99
22) Acetophenone	8.581	105	1146614	38.989	ng	#	97
24) Nitrobenzene	8.958	77	982588	39.343	ng		92
25) Isophorone	9.481	82	1755370	40.678	ng		94
26) 2-Nitrophenol	9.658	139	394157	43.367	ng		91
27) 2,4-Dimethylphenol	9.728	122	602829	39.608	ng		97
28) bis(2-Chloroethoxy)met...	9.969	93	912977	39.542	ng	#	96
29) 2,4-Dichlorophenol	10.193	162	621387	40.326	ng		94
30) 1,2,4-Trichlorobenzene	10.405	180	647844	39.126	ng		97
31) Naphthalene	10.587	128	2306878	38.713	ng		100
32) Benzoic acid	9.881	122	498326	42.324	ng		92
33) 4-Chloroaniline	10.705	127	939983	38.981	ng	#	94
34) Hexachlorobutadiene	10.869	225	379127	39.293	ng		99
35) Caprolactam	11.516	113	229901	41.377	ng	#	72
36) 4-Chloro-3-methylphenol	11.834	107	787461	40.222	ng		89
37) 2-Methylnaphthalene	12.204	142	1569520	38.870	ng		99
38) 1-Methylnaphthalene	12.422	142	1497137	39.016	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	645366	39.355	ng	#	96
41) Hexachlorocyclopentadiene	12.546	237	323894	37.241	ng		100
43) 2,4,6-Trichlorophenol	12.816	196	468899	41.877	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	501102	40.430	ng	#	89
46) 1,1'-Biphenyl	13.222	154	1854092	39.096	ng		97
47) 2-Chloronaphthalene	13.257	162	1426794	39.069	ng		94
48) 2-Nitroaniline	13.469	65	536189	41.603	ng		86
49) Acenaphthylene	14.104	152	2314394	39.302	ng		100
50) Dimethylphthalate	13.857	163	1764464	38.688	ng		99
51) 2,6-Dinitrotoluene	13.969	165	406204	39.914	ng	#	77
52) Acenaphthene	14.451	154	1400889	39.089	ng		98
53) 3-Nitroaniline	14.298	138	454540	40.288	ng		81
54) 2,4-Dinitrophenol	14.504	184	204286	38.386	ng	#	77
55) Dibenzofuran	14.787	168	2159718	38.312	ng		94
56) 4-Nitrophenol	14.610	139	395173	40.338	ng		85
57) 2,4-Dinitrotoluene	14.757	165	559224	40.974	ng	#	80
58) Fluorene	15.434	166	1747615	38.786	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	413978	39.856	ng	#	70
60) Diethylphthalate	15.222	149	1885253	39.356	ng		97
61) 4-Chlorophenyl-phenyle...	15.434	204	789088	38.671	ng	#	89
62) 4-Nitroaniline	15.469	138	483411	40.379	ng		89
63) Azobenzene	15.728	77	2225711	39.852	ng		92
65) 4,6-Dinitro-2-methylph...	15.522	198	294905	40.105	ng		75
66) n-Nitrosodiphenylamine	15.651	169	1510496	39.932	ng		99
67) 4-Bromophenyl-phenylether	16.328	248	468670	40.588	ng	#	85
68) Hexachlorobenzene	16.434	284	515834	39.256	ng	#	84
69) Atrazine	16.616	200	481595	40.801	ng		95
70) Pentachlorophenol	16.781	266	350727	42.068	ng		98
71) Phenanthrene	17.181	178	2651701	39.064	ng		99
72) Anthracene	17.269	178	2604614	39.709	ng		100
73) Carbazole	17.545	167	2630799	39.321	ng		98
74) Di-n-butylphthalate	18.110	149	3227853	42.346	ng		99
75) Fluoranthene	19.151	202	2949260	38.709	ng		93
77) Benzidine	19.339	184	1056802	37.040	ng		99
78) Pyrene	19.504	202	3056390	40.131	ng		99
80) Butylbenzylphthalate	20.392	149	1496510	44.686	ng	#	84
81) Benzo(a)anthracene	21.216	228	2917226	39.149	ng		100
82) 3,3'-Dichlorobenzidine	21.157	252	823147	42.078	ng	#	97
83) Chrysene	21.269	228	2780670	38.492	ng		98
84) Bis(2-ethylhexyl)phtha...	21.157	149	2218820	44.089	ng	#	96
85) Di-n-octyl phthalate	22.063	149	3751627	45.228	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.963	276	3337478	39.304	ng	#	89
88) Benzo(b)fluoranthene	22.851	252	2935950	38.575	ng	#	95
89) Benzo(k)fluoranthene	22.898	252	2859601	39.132	ng	#	96
90) Benzo(a)pyrene	23.457	252	2725473	39.924	ng	#	94
91) Dibenzo(a,h)anthracene	25.980	278	2870174	39.093	ng	#	92
92) Benzo(g,h,i)perylene	26.704	276	2739856	38.943	ng	#	90

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

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