Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004571.D
Acq On : 15 Jan 2021 11:20
Operator : CG/JU
Sample : PB134133BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB134133BS

Quant Time: Jan 15 12:15:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	184679	20.00	ng		-0.01
21) Naphthalene-d8	10.605	136	706897	20.00	ng		# 0.00
39) Acenaphthene-d10	14.457	164	439712	20.00	ng		-0.01
64) Phenanthrene-d10	17.222	188	952656	20.00	ng		0.00
76) Chrysene-d12	21.316	240	1020956	20.00	ng		0.00
86) Perylene-d12	23.663	264	1106968	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1420760	134.09	ng		0.00
7) Phenol-d6	6.981	99	1740723	119.95	ng		0.00
23) Nitrobenzene-d5	8.964	82	969844	77.57	ng		-0.01
42) 2,4,6-Tribromophenol	15.957	330	837127	109.50	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	2604297	76.99	ng		0.00
79) Terphenyl-d14	19.781	244	3893379	69.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	164968	38.51	ng		92
3) Pyridine	3.711	79	459490	40.03	ng		95
4) n-Nitrosodimethylamine	3.629	42	166453	45.87	ng		91
6) Aniline	7.134	93	499181	30.24	ng		96
8) 2-Chlorophenol	7.375	128	564732	46.93	ng		95
9) Benzaldehyde	6.952	77	71967	8.85	ng		91
10) Phenol	7.011	94	656196	47.16	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	497770	44.70	ng		95
12) 1,3-Dichlorobenzene	7.693	146	625666	42.05	ng		97
13) 1,4-Dichlorobenzene	7.840	146	635607	42.23	ng		99
14) 1,2-Dichlorobenzene	8.158	146	607763	42.29	ng		99
15) Benzyl Alcohol	8.046	79	421116	44.79	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	481887	40.80	ng		95
17) 2-Methylphenol	8.258	107	450461	45.88	ng		99
18) Hexachloroethane	8.881	117	211666	40.69	ng		95
19) n-Nitroso-di-n-propyla...	8.611	70	332786	40.88	ng		94
20) 3+4-Methylphenols	8.581	107	605629	45.21	ng		99
22) Acetophenone	8.628	105	749176	42.93	ng	#	97
24) Nitrobenzene	9.005	77	527367	43.11	ng		91
25) Isophorone	9.528	82	963557	42.73	ng		95
26) 2-Nitrophenol	9.716	139	303864	45.06	ng		93
27) 2,4-Dimethylphenol	9.781	122	497261	53.24	ng		99
28) bis(2-Chloroethoxy)met...	10.011	93	629681	40.70	ng		98
29) 2,4-Dichlorophenol	10.258	162	545224	43.96	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	599473	40.18	ng		98
31) Naphthalene	10.652	128	1655855	42.65	ng		100
32) Benzoic acid	9.940	122	285281	38.82	ng		91
33) 4-Chloroaniline	10.769	127	248518	14.82	ng		97
34) Hexachlorobutadiene	10.934	225	370183	36.92	ng		99
35) Caprolactam	11.546	113	160915	40.63	ng	#	81
36) 4-Chloro-3-methylphenol	11.905	107	510836	43.25	ng		100
37) 2-Methylnaphthalene	12.269	142	1197280	41.94	ng		99
38) 1-Methylnaphthalene	12.493	142	1112200	41.04	ng		98
40) 1,2,4,5-Tetrachloroben...	12.640	216	671396	42.50	ng		99
41) Hexachlorocyclopentadiene	12.616	237	628883	72.29	ng		99
43) 2,4,6-Trichlorophenol	12.887	196	435145	42.33	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	470663	44.05	ng		99
46) 1,1'-Biphenyl	13.287	154	1517104	43.16	ng		99
47) 2-Chloronaphthalene	13.328	162	1203100	41.35	ng		98
48) 2-Nitroaniline	13.534	65	273804	40.70	ng		83
49) Acenaphthylene	14.181	152	1873667	43.11	ng		100
50) Dimethylphthalate	13.916	163	1478095	40.57	ng		99
51) 2,6-Dinitrotoluene	14.040	165	338576	43.59	ng		98
52) Acenaphthene	14.522	154	1113997	42.05	ng		100
53) 3-Nitroaniline	14.369	138	183482	21.70	ng		93
54) 2,4-Dinitrophenol	14.593	184	365327	68.72	ng		94
55) Dibenzofuran	14.857	168	1833929	42.75	ng		97
56) 4-Nitrophenol	14.699	139	523250	89.15	ng		93
57) 2,4-Dinitrotoluene	14.834	165	467840	44.06	ng	#	92
58) Fluorene	15.510	166	1473496	43.02	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.093	232	415486	41.43	ng	#	91
60) Diethylphthalate	15.281	149	1454851	40.83	ng		98
61) 4-Chlorophenyl-phenyle...	15.504	204	786838	40.65	ng		92
62) 4-Nitroaniline	15.540	138	336255	37.66	ng		95
63) Azobenzene	15.798	77	1158414	42.94	ng		95
65) 4,6-Dinitro-2-methylph...	15.610	198	262984	47.39	ng		96
66) n-Nitrosodiphenylamine	15.722	169	1305199	44.20	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	509263	40.00	ng		94
68) Hexachlorobenzene	16.528	284	599921	39.44	ng		96
69) Atrazine	16.681	200	410253	39.49	ng		97
70) Pentachlorophenol	16.875	266	589335	86.35	ng		99
71) Phenanthrene	17.263	178	2358401	43.18	ng		99
72) Anthracene	17.351	178	2423437	45.79	ng		100
73) Carbazole	17.628	167	2204572	44.69	ng		99
74) Di-n-butylphthalate	18.175	149	2477332	41.55	ng		99
75) Fluoranthene	19.234	202	2869392	43.18	ng		99
77) Benzidine	19.410	184	1152969	43.16	ng		100
78) Pyrene	19.587	202	2956480	42.56	ng		99
80) Butylbenzylphthalate	20.457	149	1140659	40.60	ng		95
81) Benzo(a)anthracene	21.298	228	2961513	42.64	ng		99
82) 3,3'-Dichlorobenzidine	21.228	252	692120	27.65	ng		98
83) Chrysene	21.351	228	2869522	43.41	ng		99
84) Bis(2-ethylhexyl)phtha...	21.216	149	1687467	42.06	ng		98
85) Di-n-octyl phthalate	22.122	149	2929021	42.99	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.092	276	3991614	46.73	ng		98
88) Benzo(b)fluoranthene	22.951	252	3308205	46.17	ng		99
89) Benzo(k)fluoranthene	22.998	252	3117102	45.62	ng		99
90) Benzo(a)pyrene	23.563	252	2955221	44.22	ng		99
91) Dibenzo(a,h)anthracene	26.098	278	3339886	47.38	ng		98
92) Benzo(g,h,i)perylene	26.827	276	3340876	48.13	ng		97

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

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