Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102220\
Data File : BP003712.D
Acq On : 23 Oct 2020 07:30
Operator : CG/JU
Sample : L4221-14MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-03-102020MS

Quant Time: Oct 23 09:11:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 19 14:54:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	171186	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	648295	20.00	ng	#	0.00
39) Acenaphthene-d10	15.128	164	435304	20.00	ng		0.00
64) Phenanthrene-d10	17.845	188	993051	20.00	ng		0.00
76) Chrysene-d12	21.857	240	1016405	20.00	ng	#	0.00
86) Perylene-d12	24.427	264	920987	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.028	112	1308363	127.80	ng		0.00
7) Phenol-d6	7.681	99	1579560	109.21	ng		0.00
23) Nitrobenzene-d5	9.699	82	1362343	88.90	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	924369	136.11	ng		0.00
45) 2-Fluorobiphenyl	13.757	172	2966333	88.09	ng		0.00
79) Terphenyl-d14	20.310	244	4819129	83.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.705	88	155693	35.60	ng	#	37
3) Pyridine	4.146	79	433384	35.03	ng		92
4) n-Nitrosodimethylamine	4.034	42	208396	39.49	ng	#	69
6) Aniline	7.822	93	347324	21.64	ng	#	89
8) 2-Chlorophenol	8.093	128	494414	48.51	ng		83
9) Benzaldehyde	7.622	77	194007	25.06	ng	#	79
10) Phenol	7.705	94	666326	48.38	ng		80
11) bis(2-Chloroethyl)ether	7.905	93	509358	46.60	ng		91
12) 1,3-Dichlorobenzene	8.422	146	482362	36.70	ng	#	93
13) 1,4-Dichlorobenzene	8.564	146	494186	37.23	ng	#	93
14) 1,2-Dichlorobenzene	8.899	146	488305	38.82	ng		95
15) Benzyl Alcohol	8.758	79	539184	48.77	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	9.052	45	468665	43.27	ng		98
17) 2-Methylphenol	8.981	107	442859	48.54	ng	#	90
18) Hexachloroethane	9.652	117	182874	35.75	ng		93
19) n-Nitroso-di-n-propyla...	9.334	70	416896	47.17	ng	#	87
20) 3+4-Methylphenols	9.305	107	595486	48.48	ng		92
22) Acetophenone	9.352	105	823639	43.41	ng	#	89
24) Nitrobenzene	9.740	77	626749	42.48	ng	#	78
25) Isophorone	10.263	82	1150195	46.57	ng	#	89
26) 2-Nitrophenol	10.463	139	260906	47.35	ng	#	65
27) 2,4-Dimethylphenol	10.522	122	466101	53.86	ng	#	83
28) bis(2-Chloroethoxy)met...	10.734	93	676323	42.93	ng		98
29) 2,4-Dichlorophenol	11.016	162	529713	46.66	ng		94
30) 1,2,4-Trichlorobenzene	11.234	180	571209	39.26	ng		99
31) Naphthalene	11.422	128	1471456	42.11	ng		100
32) Benzoic acid	10.681	122	251047	42.06	ng	#	69
33) 4-Chloroaniline	11.505	127	111223	7.72	ng	#	88
34) Hexachlorobutadiene	11.734	225	395426	36.02	ng		99
35) Caprolactam	12.234	113	127115	38.24	ng	#	59
36) 4-Chloro-3-methylphenol	12.610	107	592161	48.08	ng		85
37) 2-Methylnaphthalene	12.987	142	1123172	44.29	ng	#	96
38) 1-Methylnaphthalene	13.204	142	1050868	43.84	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.363	216	739990	42.92	ng		98
41) Hexachlorocyclopentadiene	13.357	237	865557	86.73	ng		100
43) 2,4,6-Trichlorophenol	13.581	196	470979	45.92	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.657	196	509215	47.78	ng	#	95
46) 1,1'-Biphenyl	13.963	154	1475673	43.47	ng		98
47) 2-Chloronaphthalene	14.016	162	1176331	41.44	ng		99
48) 2-Nitroaniline	14.187	65	362608	43.26	ng	#	62
49) Acenaphthylene	14.851	152	1785723	44.06	ng		99
50) Dimethylphthalate	14.551	163	1787287	49.97	ng		99
51) 2,6-Dinitrotoluene	14.663	165	345210	47.45	ng	#	71
52) Acenaphthene	15.193	154	1286974	47.05	ng		85
53) 3-Nitroaniline	14.993	138	125668	17.60	ng	#	61
54) 2,4-Dinitrophenol	15.198	184	305010	74.35	ng	#	1
55) Dibenzofuran	15.516	168	1830708	44.27	ng		99
56) 4-Nitrophenol	15.304	139	475111	88.91	ng	#	48
57) 2,4-Dinitrotoluene	15.451	165	476273	48.39	ng	#	74
58) Fluorene	16.157	166	1515435	45.42	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.746	232	474890	46.47	ng		92
60) Diethylphthalate	15.893	149	1536747	43.85	ng		98
61) 4-Chlorophenyl-phenyle...	16.134	204	872589	43.25	ng		94
62) 4-Nitroaniline	16.151	138	295303	37.28	ng	#	68
63) Azobenzene	16.428	77	1440220	43.72	ng		89
65) 4,6-Dinitro-2-methylph...	16.216	198	234667	44.82	ng		91
66) n-Nitrosodiphenylamine	16.340	169	1333644	45.11	ng		99
67) 4-Bromophenyl-phenylether	17.022	248	571941	43.02	ng		96
68) Hexachlorobenzene	17.187	284	647981	42.35	ng		96
69) Atrazine	17.263	200	437464	37.95	ng		96
70) Pentachlorophenol	17.510	266	782762	103.59	ng		99
71) Phenanthrene	17.887	178	2418571	43.83	ng		99
72) Anthracene	17.975	178	2461064	46.17	ng		99
73) Carbazole	18.216	167	2159128	45.53	ng		99
74) Di-n-butylphthalate	18.722	149	2601577	44.95	ng	#	98
75) Fluoranthene	19.798	202	3026977	44.65	ng		98
77) Benzidine	19.934	184	557286	22.88	ng		99
78) Pyrene	20.145	202	3046188	44.75	ng		99
80) Butylbenzylphthalate	20.945	149	1157395	46.41	ng	#	80
81) Benzo(a)anthracene	21.839	228	3020463	44.57	ng		99
82) 3,3'-Dichlorobenzidine	21.739	252	487977	20.56	ng	#	98
83) Chrysene	21.898	228	2858538	44.49	ng		98
84) Bis(2-ethylhexyl)phtha...	21.698	149	1694119	47.46	ng		98
85) Di-n-octyl phthalate	22.663	149	2878669	49.69	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.121	276	2790824	42.22	ng	#	92
88) Benzo(b)fluoranthene	23.645	252	3030190	47.15	ng	#	97
89) Benzo(k)fluoranthene	23.692	252	2819067	45.96	ng	#	97
90) Benzo(a)pyrene	24.316	252	2520466	43.99	ng	#	97
91) Dibenzo(a,h)anthracene	27.121	278	2372038	42.93	ng	#	94
92) Benzo(g,h,i)perylene	27.945	276	2201031	42.98	ng	#	92

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

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