Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004584.D
Acq On : 15 Jan 2021 19:28
Operator : CG/JU
Sample : M1124-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-223MSD

Quant Time: Jan 15 21:59:57 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	205039	20.00	ng		-0.01
21) Naphthalene-d8	10.604	136	783810	20.00	ng		# 0.00
39) Acenaphthene-d10	14.457	164	473393	20.00	ng		-0.01
64) Phenanthrene-d10	17.228	188	918094	20.00	ng		# 0.00
76) Chrysene-d12	21.327	240	786658	20.00	ng		# 0.00
86) Perylene-d12	23.698	264	1134804	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1182332	100.50	ng		0.00
7) Phenol-d6	6.987	99	1469825	91.22	ng		0.00
23) Nitrobenzene-d5	8.963	82	850778	61.37	ng		-0.01
42) 2,4,6-Tribromophenol	15.963	330	767924	93.30	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	2264712	62.19	ng		0.00
79) Terphenyl-d14	19.792	244	2765877	64.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	151374	31.83	ng		94
3) Pyridine	3.711	79	421612	33.08	ng		95
4) n-Nitrosodimethylamine	3.628	42	153745	38.16	ng		89
6) Aniline	7.134	93	334514	18.25	ng		96
8) 2-Chlorophenol	7.375	128	566652	42.42	ng		95
9) Benzaldehyde	6.946	77	73019	7.68	ng		94
10) Phenol	7.011	94	671172	43.45	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	499512	40.40	ng		96
12) 1,3-Dichlorobenzene	7.693	146	648239	39.24	ng		98
13) 1,4-Dichlorobenzene	7.840	146	657115	39.33	ng		99
14) 1,2-Dichlorobenzene	8.158	146	627663	39.33	ng		99
15) Benzyl Alcohol	8.046	79	423479	40.57	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.334	45	479520	36.57	ng		95
17) 2-Methylphenol	8.258	107	444213	40.75	ng		98
18) Hexachloroethane	8.881	117	221660	38.38	ng		94
19) n-Nitroso-di-n-propyla...	8.610	70	333599	36.92	ng		93
20) 3+4-Methylphenols	8.587	107	595906	40.06	ng		98
22) Acetophenone	8.628	105	755491	39.05	ng	#	97
24) Nitrobenzene	9.005	77	527143	38.86	ng		92
25) Isophorone	9.528	82	967222	38.69	ng		95
26) 2-Nitrophenol	9.716	139	315116	42.14	ng		94
27) 2,4-Dimethylphenol	9.787	122	487393	47.06	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	630755	36.77	ng		99
29) 2,4-Dichlorophenol	10.263	162	555650	40.40	ng		100
30) 1,2,4-Trichlorobenzene	10.469	180	641969	38.80	ng		97
31) Naphthalene	10.652	128	1723545	40.04	ng		100
32) Benzoic acid	9.940	122	339358	40.83	ng		92
33) 4-Chloroaniline	10.769	127	227589	12.24	ng		97
34) Hexachlorobutadiene	10.934	225	409824	36.86	ng		99
35) Caprolactam	11.546	113	162582	37.02	ng	#	71
36) 4-Chloro-3-methylphenol	11.910	107	511838	39.09	ng		99
37) 2-Methylnaphthalene	12.269	142	1248381	39.44	ng		99
38) 1-Methylnaphthalene	12.487	142	1162901	38.70	ng		99
40) 1,2,4,5-Tetrachloroben...	12.640	216	728327	42.83	ng		98
41) Hexachlorocyclopentadiene	12.616	237	312007	44.34	ng		100
43) 2,4,6-Trichlorophenol	12.887	196	462922	41.82	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	491743	42.75	ng		97
46) 1,1'-Biphenyl	13.287	154	1545860	40.85	ng		99
47) 2-Chloronaphthalene	13.328	162	1232907	39.36	ng		98
48) 2-Nitroaniline	13.540	65	265564	36.66	ng		88
49) Acenaphthylene	14.181	152	1856126	39.67	ng		98
50) Dimethylphthalate	13.916	163	1468590	37.44	ng		99
51) 2,6-Dinitrotoluene	14.040	165	352574	42.16	ng		98
52) Acenaphthene	14.522	154	1102292	38.64	ng		99
53) 3-Nitroaniline	14.369	138	187163	20.56	ng	#	97
54) 2,4-Dinitrophenol	14.592	184	352020	64.26	ng		97
55) Dibenzofuran	14.863	168	1788326	38.72	ng		97
56) 4-Nitrophenol	14.698	139	506082	80.09	ng		82
57) 2,4-Dinitrotoluene	14.840	165	439615	38.45	ng		98
58) Fluorene	15.516	166	1404154	38.08	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	417533	38.67	ng	#	92
60) Diethylphthalate	15.287	149	1351374	35.23	ng		95
61) 4-Chlorophenyl-phenyle...	15.510	204	770041	36.95	ng		94
62) 4-Nitroaniline	15.539	138	248420	25.84	ng		90
63) Azobenzene	15.804	77	999209	34.40	ng		97
65) 4,6-Dinitro-2-methylph...	15.610	198	250173	46.78	ng		82
66) n-Nitrosodiphenylamine	15.728	169	1346769	47.32	ng		95
67) 4-Bromophenyl-phenylether	16.410	248	501721	40.89	ng		97
68) Hexachlorobenzene	16.539	284	615852	42.02	ng		97
69) Atrazine	16.686	200	386955	38.65	ng		88
70) Pentachlorophenol	16.886	266	621535	94.49	ng		99
71) Phenanthrene	17.275	178	2129826	40.46	ng		97
72) Anthracene	17.363	178	2146077	42.08	ng		97
73) Carbazole	17.633	167	1826437	38.42	ng		96
74) Di-n-butylphthalate	18.186	149	2135424	37.17	ng		97
75) Fluoranthene	19.251	202	2500771	39.05	ng		95
77) Benzidine	19.422	184	469222	22.80	ng	#	77
78) Pyrene	19.604	202	2520327	47.09	ng		98
80) Butylbenzylphthalate	20.469	149	863873	39.90	ng	#	94
81) Benzo(a)anthracene	21.316	228	2051097	38.33	ng		99
82) 3,3'-Dichlorobenzidine	21.239	252	190133	9.86	ng	#	88
83) Chrysene	21.369	228	2073463	40.71	ng		99
84) Bis(2-ethylhexyl)phtha...	21.227	149	2664904	86.20	ng	#	93
85) Di-n-octyl phthalate	22.139	149	2117031	40.33	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.151	276	4047067	46.21	ng	#	94
88) Benzo(b)fluoranthene	22.980	252	2737162	37.27	ng	#	89
89) Benzo(k)fluoranthene	23.027	252	2544662	36.33	ng	#	92
90) Benzo(a)pyrene	23.598	252	2611192	38.11	ng	#	90
91) Dibenzo(a,h)anthracene	26.151	278	3381406	46.79	ng		98
92) Benzo(g,h,i)perylene	26.892	276	3480666	48.91	ng		95

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

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