Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006516.D
Acq On : 05 Aug 2021 20:56
Operator : CG/JU
Sample : M3276-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 01:11:54 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

Instrument :
BNA_P
ClientSampleId :
PRE-MAEC-01MSD

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	243554	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	1021968	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	567030	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1081245	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	1020725	20.000	ng	#	0.00
86) Perylene-d12	23.563	264	1067561	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.364	112	2168321	136.742	ng		0.00
7) Phenol-d6	6.940	99	2574886	114.312	ng		0.00
23) Nitrobenzene-d5	8.916	82	1996146	90.157	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	844704	142.540	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	3428686	90.467	ng		0.00
79) Terphenyl-d14	19.716	244	4729052	92.836	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	271870	39.381	ng	#	34
3) Pyridine	3.711	79	400327	19.730	ng		95
4) n-Nitrosodimethylamine	3.617	42	321631	41.998	ng	#	80
6) Aniline	7.099	93	590813	24.146	ng		95
8) 2-Chlorophenol	7.322	128	795807	46.384	ng		89
9) Benzaldehyde	6.911	77	540283	39.852	ng		93
10) Phenol	6.963	94	919733	40.720	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	803790	46.867	ng		91
12) 1,3-Dichlorobenzene	7.646	146	744057	41.610	ng		98
13) 1,4-Dichlorobenzene	7.793	146	763285	42.059	ng		98
14) 1,2-Dichlorobenzene	8.105	146	735768	42.251	ng		96
15) Benzyl Alcohol	8.005	79	802218	47.491	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.287	45	930400	45.589	ng		92
17) 2-Methylphenol	8.205	107	665192	46.640	ng		98
18) Hexachloroethane	8.828	117	299730	41.727	ng		89
19) n-Nitroso-di-n-propyla...	8.569	70	673603	44.573	ng	#	96
20) 3+4-Methylphenols	8.534	107	885792	45.630	ng		98
22) Acetophenone	8.581	105	1235459	45.586	ng	#	98
24) Nitrobenzene	8.957	77	983927	42.750	ng		92
25) Isophorone	9.487	82	1709564	42.989	ng		95
26) 2-Nitrophenol	9.663	139	405152	48.370	ng		94
27) 2,4-Dimethylphenol	9.728	122	719627	51.306	ng		97
28) bis(2-Chloroethoxy)met...	9.969	93	1034700	48.628	ng		99
29) 2,4-Dichlorophenol	10.193	162	654143	46.065	ng		94
30) 1,2,4-Trichlorobenzene	10.404	180	651276	42.681	ng		98
31) Naphthalene	10.593	128	2326216	42.360	ng		99
32) Benzoic acid	9.875	122	478220	44.073	ng		90
33) 4-Chloroaniline	10.710	127	211775	9.530	ng		96
34) Hexachlorobutadiene	10.875	225	365232	41.075	ng		99
35) Caprolactam	11.510	113	192667m	37.627	ng		
36) 4-Chloro-3-methylphenol	11.840	107	810792	44.939	ng		91
37) 2-Methylnaphthalene	12.204	142	1622502	43.602	ng		99
38) 1-Methylnaphthalene	12.422	142	1495950	42.303	ng		98
40) 1,2,4,5-Tetrachloroben...	12.575	216	675358	45.507	ng	#	95
41) Hexachlorocyclopentadiene	12.551	237	852819	108.347	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	478510	47.221	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.887	196	521055	46.453	ng	#	89
46)	1,1'-Biphenyl	13.222	154	1888298	43.997	ng		96
47)	2-Chloronaphthalene	13.263	162	1475095	44.631	ng		96
48)	2-Nitroaniline	13.469	65	565862	48.514	ng		85
49)	Acenaphthylene	14.104	152	2428550	45.569	ng		100
50)	Dimethylphthalate	13.857	163	1884623	45.660	ng		99
51)	2,6-Dinitrotoluene	13.975	165	409266	44.436	ng	#	84
52)	Acenaphthene	14.451	154	1427161	44.002	ng		99
53)	3-Nitroaniline	14.298	138	245915	24.085	ng	#	80
54)	2,4-Dinitrophenol	14.504	184	401674	83.397	ng	#	82
55)	Dibenzofuran	14.787	168	2192679	42.979	ng		95
56)	4-Nitrophenol	14.616	139	759549	85.671	ng		85
57)	2,4-Dinitrotoluene	14.763	165	567671	45.959	ng	#	83
58)	Fluorene	15.440	166	1806325	44.297	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.016	232	421926	44.885	ng	#	72
60)	Diethylphthalate	15.228	149	1985026	45.788	ng		98
61)	4-Chlorophenyl-phenyle...	15.440	204	823551	44.597	ng		92
62)	4-Nitroaniline	15.469	138	474767	43.819	ng		88
63)	Azobenzene	15.734	77	2220536	43.933	ng		93
65)	4,6-Dinitro-2-methylph...	15.522	198	253111	38.312	ng		75
66)	n-Nitrosodiphenylamine	15.657	169	1539768	45.307	ng		99
67)	4-Bromophenyl-phenylether	16.334	248	487668	47.006	ng	#	88
68)	Hexachlorobenzene	16.439	284	544670	46.135	ng	#	88
69)	Atrazine	16.616	200	536837	50.621	ng		96
70)	Pentachlorophenol	16.787	266	742015	99.059	ng		98
71)	Phenanthrene	17.181	178	2732971	44.811	ng		100
72)	Anthracene	17.275	178	2781577	47.200	ng		100
73)	Carbazole	17.545	167	2626867	43.700	ng		99
74)	Di-n-butylphthalate	18.116	149	3433655	50.138	ng		100
75)	Fluoranthene	19.157	202	3025974	44.205	ng		94
77)	Benzidine	19.339	184	652896	25.562	ng		99
78)	Pyrene	19.510	202	3107221	45.574	ng		98
80)	Butylbenzylphthalate	20.398	149	1592981	53.134	ng		88
81)	Benzo(a)anthracene	21.222	228	2964699	44.443	ng		99
82)	3,3'-Dichlorobenzidine	21.163	252	660685	37.726	ng	#	96
83)	Chrysene	21.275	228	2895194	44.768	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.163	149	2384568	52.928	ng	#	97
85)	Di-n-octyl phthalate	22.069	149	4093404	55.124	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	25.974	276	3613327	46.678	ng	#	88
88)	Benzo(b)fluoranthene	22.857	252	3129492	45.104	ng	#	96
89)	Benzo(k)fluoranthene	22.904	252	3023977	45.394	ng	#	95
90)	Benzo(a)pyrene	23.463	252	3010946	48.382	ng	#	95
91)	Dibenzo(a,h)anthracene	25.992	278	3093326	46.218	ng	#	93
92)	Benzo(g,h,i)perylene	26.709	276	3029673	47.238	ng	#	90

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

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