Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101920\
Data File : BP003668.D
Acq On : 19 Oct 2020 13:54
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC080

Quant Time: Oct 19 14:28:10 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 12:58:31 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	126572	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	408478	20.00	ng	#	0.00
39) Acenaphthene-d10	15.128	164	259812	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	559742	20.00	ng		0.00
76) Chrysene-d12	21.851	240	514854	20.00	ng	#	0.00
86) Perylene-d12	24.416	264	435680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	1198851	162.83	ng		0.00
7) Phenol-d6	7.681	99	1664028	155.16	ng		0.00
23) Nitrobenzene-d5	9.705	82	1602457	181.88	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	684706	197.67	ng		0.00
45) 2-Fluorobiphenyl	13.757	172	3277340	165.49	ng		0.00
79) Terphenyl-d14	20.310	244	5055314	177.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	248558	78.81	ng	#	87
3) Pyridine	4.134	79	714441	77.74	ng	#	91
4) n-Nitrosodimethylamine	4.028	42	299537	75.85	ng	#	62
6) Aniline	7.828	93	917419	73.09	ng	#	86
8) 2-Chlorophenol	8.099	128	580493	77.55	ng		82
9) Benzaldehyde	7.622	77	326064	48.71	ng	#	78
10) Phenol	7.710	94	786340	75.93	ng		77
11) bis(2-Chloroethyl)ether	7.916	93	614009	73.85	ng		91
12) 1,3-Dichlorobenzene	8.422	146	745254	76.58	ng	#	91
13) 1,4-Dichlorobenzene	8.563	146	754545	77.28	ng	#	93
14) 1,2-Dichlorobenzene	8.905	146	706705	75.47	ng	#	95
15) Benzyl Alcohol	8.758	79	641796	74.50	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	9.057	45	597101	70.14	ng		99
17) 2-Methylphenol	8.981	107	519315	74.01	ng	#	89
18) Hexachloroethane	9.652	117	290907	76.64	ng		96
19) n-Nitroso-di-n-propyla...	9.334	70	498518	69.73	ng	#	85
20) 3+4-Methylphenols	9.310	107	694935	74.39	ng		91
22) Acetophenone	9.352	105	967729	80.24	ng	#	88
24) Nitrobenzene	9.746	77	763385	88.02	ng	#	77
25) Isophorone	10.269	82	1285866	78.21	ng	#	88
26) 2-Nitrophenol	10.469	139	309134	117.86	ng	#	63
27) 2,4-Dimethylphenol	10.522	122	442545	81.68	ng	#	81
28) bis(2-Chloroethoxy)met...	10.734	93	802046	79.35	ng		98
29) 2,4-Dichlorophenol	11.016	162	592158	87.56	ng		95
30) 1,2,4-Trichlorobenzene	11.240	180	746246	83.20	ng		99
31) Naphthalene	11.428	128	1785301	81.52	ng		100
32) Benzoic acid	10.704	122	334813	133.50	ng	#	62
33) 4-Chloroaniline	11.510	127	735611	77.79	ng	#	87
34) Hexachlorobutadiene	11.734	225	562140	84.54	ng		99
35) Caprolactam	12.263	113	172435	80.46	ng	#	53
36) 4-Chloro-3-methylphenol	12.610	107	631134	81.77	ng		84
37) 2-Methylnaphthalene	12.993	142	1286449	78.95	ng	#	94
38) 1-Methylnaphthalene	13.204	142	1206153	78.75	ng	#	100
40) 1,2,4,5-Tetrachloroben...	13.363	216	852275	86.52	ng		98
41) Hexachlorocyclopentadiene	13.357	237	526367	95.88	ng		99
43) 2,4,6-Trichlorophenol	13.581	196	519966	95.19	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.657	196	535080	93.27	ng	#	94
46) 1,1'-Biphenyl	13.963	154	1655086	82.44	ng		98
47) 2-Chloronaphthalene	14.016	162	1375785	82.32	ng		98
48) 2-Nitroaniline	14.193	65	437367	105.34	ng	#	59
49) Acenaphthylene	14.851	152	1990189	81.75	ng		100
50) Dimethylphthalate	14.551	163	1715514	80.41	ng		99
51) 2,6-Dinitrotoluene	14.669	165	360377	93.79	ng	#	68
52) Acenaphthene	15.192	154	1347313	84.95	ng		90
53) 3-Nitroaniline	14.998	138	359943	92.92	ng	#	62
54) 2,4-Dinitrophenol	15.192	184	202993	134.76	ng	#	1
55) Dibenzofuran	15.516	168	1976707	80.19	ng		97
56) 4-Nitrophenol	15.298	139	266417	95.78	ng	#	40
57) 2,4-Dinitrotoluene	15.445	165	496477	99.90	ng	#	67
58) Fluorene	16.157	166	1588693	79.65	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.745	232	510515	96.77	ng		93
60) Diethylphthalate	15.898	149	1667490	79.52	ng		99
61) 4-Chlorophenyl-phenyle...	16.134	204	968793	81.99	ng		96
62) 4-Nitroaniline	16.157	138	389452	90.36	ng	#	60
63) Azobenzene	16.422	77	1559994	77.32	ng		85
65) 4,6-Dinitro-2-methylph...	16.216	198	269451	124.54	ng		89
66) n-Nitrosodiphenylamine	16.339	169	1375287	82.27	ng		98
67) 4-Bromophenyl-phenylether	17.022	248	627136	85.35	ng		98
68) Hexachlorobenzene	17.186	284	710612	84.68	ng		95
69) Atrazine	17.263	200	516277	79.23	ng		97
70) Pentachlorophenol	17.510	266	379302	99.36	ng		100
71) Phenanthrene	17.886	178	2519575	81.02	ng		99
72) Anthracene	17.975	178	2436464	80.33	ng		99
73) Carbazole	18.216	167	2130766	77.79	ng		99
74) Di-n-butylphthalate	18.716	149	2689594	80.61	ng	#	98
75) Fluoranthene	19.798	202	3020787	78.47	ng		98
78) Pyrene	20.145	202	3013152	88.06	ng		99
80) Butylbenzylphthalate	20.945	149	1128690	94.43	ng	#	81
81) Benzo(a)anthracene	21.833	228	2801929	80.93	ng		99
82) 3,3'-Dichlorobenzidine	21.739	252	918652	75.06	ng	#	96
83) Chrysene	21.892	228	2623073	80.09	ng		98
84) Bis(2-ethylhexyl)phtha...	21.692	149	1587046	87.50	ng		98
85) Di-n-octyl phthalate	22.657	149	2499406	85.34	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.109	276	2642621	79.93	ng	#	91
88) Benzo(b)fluoranthene	23.633	252	2538629	83.86	ng	#	97
89) Benzo(k)fluoranthene	23.686	252	2452340	86.28	ng	#	96
90) Benzo(a)pyrene	24.310	252	2271371	83.31	ng	#	96
91) Dibenzo(a,h)anthracene	27.109	278	2209396	80.11	ng	#	94
92) Benzo(g,h,i)perylene	27.933	276	2058477	79.08	ng	#	91

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

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