Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031722\
Data File : BP009447.D
Acq On : 17 Mar 2022 17:09
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031722

Quant Time: Mar 17 18:47:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 18:26:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	254448	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	1060298	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	727425	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1604101	20.000	ng	0.00
76) Chrysene-d12	21.322	240	1703951	20.000	ng	# 0.00
86) Perylene-d12	23.727	264	1857600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1134532	77.848	ng	0.00
7) Phenol-d6	6.993	99	1609982	81.688	ng	0.00
23) Nitrobenzene-d5	8.958	82	1571426	78.757	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	955805	79.625	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3945133	75.184	ng	0.00
79) Terphenyl-d14	19.786	244	7090342	74.688	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	215324	37.302	ng	99
3) Pyridine	3.723	79	639556	41.137	ng	99
4) n-Nitrosodimethylamine	3.634	42	222308	38.827	ng	98
6) Aniline	7.134	93	932168	41.499	ng	98
8) 2-Chlorophenol	7.375	128	655482	39.443	ng	96
9) Benzaldehyde	6.946	77	382438	40.666	ng	95
10) Phenol	7.016	94	806152	40.771	ng	96
11) bis(2-Chloroethyl)ether	7.228	93	622868	39.804	ng	97
12) 1,3-Dichlorobenzene	7.693	146	716519	38.201	ng	98
13) 1,4-Dichlorobenzene	7.834	146	731590	38.149	ng	98
14) 1,2-Dichlorobenzene	8.152	146	719058	38.793	ng	98
15) Benzyl Alcohol	8.052	79	659649	41.979	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	682978	40.263	ng	96
17) 2-Methylphenol	8.258	107	564656	41.440	ng	98
18) Hexachloroethane	8.875	117	254342	37.844	ng	95
19) n-Nitroso-di-n-propyla...	8.610	70	529865	42.505	ng	96
20) 3+4-Methylphenols	8.593	107	793039	42.328	ng	99
22) Acetophenone	8.622	105	1035619	39.462	ng	99
24) Nitrobenzene	8.999	77	742155	39.375	ng	99
25) Isophorone	9.528	82	1392805	40.924	ng	98
26) 2-Nitrophenol	9.710	139	396846	40.393	ng	95
27) 2,4-Dimethylphenol	9.787	122	558998	40.322	ng	99
28) bis(2-Chloroethoxy)met...	10.010	93	883242	39.857	ng	99
29) 2,4-Dichlorophenol	10.257	162	673590	39.833	ng	99
30) 1,2,4-Trichlorobenzene	10.463	180	744824	38.017	ng	99
31) Naphthalene	10.646	128	2124809	38.905	ng	100
32) Benzoic acid	9.975	122	498488	45.991	ng	96
33) 4-Chloroaniline	10.763	127	929047	41.686	ng	99
34) Hexachlorobutadiene	10.940	225	490783	36.971	ng	99
35) Caprolactam	11.557	113	253830	44.477	ng	91
36) 4-Chloro-3-methylphenol	11.910	107	761694	41.918	ng	100
37) 2-Methylnaphthalene	12.263	142	1515862	39.557	ng	98
38) 1-Methylnaphthalene	12.481	142	1487949	39.859	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	897372	37.181	ng	98
41) Hexachlorocyclopentadiene	12.616	237	321564	35.108	ng	98
43) 2,4,6-Trichlorophenol	12.881	196	626810	39.182	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	682101	39.264	ng		97
46) 1,1'-Biphenyl	13.275	154	2050051	37.778	ng		99
47) 2-Chloronaphthalene	13.316	162	1609052	37.661	ng		99
48) 2-Nitroaniline	13.522	65	484176	41.609	ng		98
49) Acenaphthylene	14.163	152	2572353	39.002	ng		100
50) Dimethylphthalate	13.910	163	2162057	39.225	ng		100
51) 2,6-Dinitrotoluene	14.022	165	463440	40.129	ng		97
52) Acenaphthene	14.510	154	1519434	38.566	ng		99
53) 3-Nitroaniline	14.357	138	503759	41.298	ng		96
54) 2,4-Dinitrophenol	14.569	184	274003	40.552	ng		95
55) Dibenzofuran	14.845	168	2579059	38.965	ng		99
56) 4-Nitrophenol	14.693	139	397714	43.741	ng		96
57) 2,4-Dinitrotoluene	14.816	165	658464	41.467	ng		94
58) Fluorene	15.498	166	2032731	39.049	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	637356	40.470	ng		93
60) Diethylphthalate	15.275	149	2169982	39.336	ng		100
61) 4-Chlorophenyl-phenyle...	15.492	204	1109215	38.682	ng		98
62) 4-Nitroaniline	15.522	138	546912	42.693	ng		98
63) Azobenzene	15.787	77	1912505	39.853	ng		98
65) 4,6-Dinitro-2-methylph...	15.587	198	437732	42.437	ng		94
66) n-Nitrosodiphenylamine	15.710	169	1816408	38.264	ng		98
67) 4-Bromophenyl-phenylether	16.392	248	742372	37.820	ng		95
68) Hexachlorobenzene	16.516	284	855989	37.891	ng	#	94
69) Atrazine	16.675	200	667266	39.980	ng		99
70) Pentachlorophenol	16.863	266	509089	42.157	ng		98
71) Phenanthrene	17.251	178	3331969	38.803	ng		99
72) Anthracene	17.339	178	3322980	39.196	ng		100
73) Carbazole	17.616	167	3281389	39.577	ng		100
74) Di-n-butylphthalate	18.175	149	3766729	38.769	ng		100
75) Fluoranthene	19.228	202	4107153	39.508	ng		98
77) Benzidine	19.416	184	1624500	38.895	ng		99
78) Pyrene	19.586	202	4235781	37.724	ng		100
80) Butylbenzylphthalate	20.469	149	1800306	37.723	ng		93
81) Benzo(a)anthracene	21.304	228	4325864	38.642	ng		99
82) 3,3'-Dichlorobenzidine	21.239	252	1670159	38.619	ng	#	98
83) Chrysene	21.357	228	4056591	38.268	ng		100
84) Bis(2-ethylhexyl)phtha...	21.239	149	2489382	37.422	ng	#	99
85) Di-n-octyl phthalate	22.163	149	4326235	37.731	ng		97
87) Indeno(1,2,3-cd)pyrene	26.245	276	5423993	38.487	ng	#	94
88) Benzo(b)fluoranthene	22.992	252	4208255	37.949	ng		99
89) Benzo(k)fluoranthene	23.045	252	4359039m	40.147	ng		
90) Benzo(a)pyrene	23.621	252	3697818	38.974	ng	#	97
91) Dibenzo(a,h)anthracene	26.262	278	4517304	38.459	ng	#	95
92) Benzo(g,h,i)perylene	27.009	276	4430053	38.339	ng	#	94

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

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