Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013124\
Data File : BP019499.D
Acq On : 31 Jan 2024 21:03
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 00:11:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:02:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	76844	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	274219	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	158768	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	332789	20.000	ng	0.00
76) Chrysene-d12	21.398	240	361455	20.000	ng	0.00
86) Perylene-d12	23.816	264	459256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	768974	161.970	ng	0.00
7) Phenol-d6	7.087	99	1030591	155.508	ng	0.00
23) Nitrobenzene-d5	9.087	82	1053113	165.584	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	393298	164.727	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2117049	167.806	ng	0.00
79) Terphenyl-d14	19.869	244	3316723	146.909	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	145906	80.754	ng	99
3) Pyridine	3.782	79	417976m	81.201	ng	
4) n-Nitrosodimethylamine	3.705	42	182043	82.603	ng	98
6) Aniline	7.252	93	502493	76.772	ng	99
8) 2-Chlorophenol	7.481	128	392379	79.194	ng	98
9) Benzaldehyde	7.064	77	293894m	75.954	ng	
10) Phenol	7.117	94	513836	78.160	ng	98
11) bis(2-Chloroethyl)ether	7.358	93	388880	76.577	ng	99
12) 1,3-Dichlorobenzene	7.799	146	477263	79.698	ng	99
13) 1,4-Dichlorobenzene	7.952	146	481404	79.565	ng	99
14) 1,2-Dichlorobenzene	8.264	146	462154	78.226	ng	99
15) Benzyl Alcohol	8.164	79	408080	75.368	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.458	45	377047m	73.144	ng	
17) 2-Methylphenol	8.364	107	341661	76.282	ng	100
18) Hexachloroethane	8.987	117	184504	78.233	ng	96
19) n-Nitroso-di-n-propyla...	8.740	70	326632	71.209	ng	99
20) 3+4-Methylphenols	8.699	107	467745	75.514	ng	97
22) Acetophenone	8.746	105	639729	81.298	ng	99
24) Nitrobenzene	9.128	77	526901	82.026	ng	100
25) Isophorone	9.658	82	862106	75.906	ng	100
26) 2-Nitrophenol	9.834	139	210815	86.447	ng	98
27) 2,4-Dimethylphenol	9.899	122	254568	80.615	ng	99
28) bis(2-Chloroethoxy)met...	10.146	93	489640	78.117	ng	99
29) 2,4-Dichlorophenol	10.364	162	383590	80.785	ng	98
30) 1,2,4-Trichlorobenzene	10.581	180	467148	81.515	ng	100
31) Naphthalene	10.769	128	1212546	80.505	ng	99
32) Benzoic acid	10.064	122	271355	84.843	ng	98
33) 4-Chloroaniline	10.887	127	444607	77.232	ng	98
34) Hexachlorobutadiene	11.040	225	346793	82.932	ng	99
35) Caprolactam	11.687	113	104758	70.578	ng	97
36) 4-Chloro-3-methylphenol	12.005	107	405735	75.481	ng	97
37) 2-Methylnaphthalene	12.375	142	814711	77.126	ng	98
38) 1-Methylnaphthalene	12.593	142	804984	77.079	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	514343	86.946	ng	99
41) Hexachlorocyclopentadiene	12.711	237	235724	90.680	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	310559	84.356	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.052	196	344379	84.964	ng	98
46)	1,1'-Biphenyl	13.387	154	1048442	83.913	ng	99
47)	2-Chloronaphthalene	13.428	162	859055	83.753	ng	100
48)	2-Nitroaniline	13.640	65	257528	85.897	ng	100
49)	Acenaphthylene	14.275	152	1205186	82.208	ng	100
50)	Dimethylphthalate	14.022	163	974275	78.701	ng	99
51)	2,6-Dinitrotoluene	14.140	165	224251	82.501	ng	99
52)	Acenaphthene	14.610	154	746480	81.814	ng	100
53)	3-Nitroaniline	14.469	138	211666	82.806	ng	98
54)	2,4-Dinitrophenol	14.669	184	128820	92.678	ng	96
55)	Dibenzofuran	14.952	168	1207101	81.559	ng	98
56)	4-Nitrophenol	14.769	139	180995	84.844	ng	98
57)	2,4-Dinitrotoluene	14.922	165	308465	84.143	ng	97
58)	Fluorene	15.599	166	957684	79.792	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.175	232	287225	82.008	ng	100
60)	Diethylphthalate	15.387	149	964041	77.609	ng	99
61)	4-Chlorophenyl-phenyle...	15.599	204	531733	80.163	ng	98
62)	4-Nitroaniline	15.634	138	228075	83.262	ng	97
63)	Azobenzene	15.893	77	937466	79.182	ng	99
65)	4,6-Dinitro-2-methylph...	15.681	198	177534	92.756	ng	98
66)	n-Nitrosodiphenylamine	15.816	169	797965	81.649	ng	100
67)	4-Bromophenyl-phenylether	16.499	248	328678	80.983	ng	98
68)	Hexachlorobenzene	16.593	284	388417	82.064	ng	100
69)	Atrazine	16.781	200	224957	67.799	ng	95
70)	Pentachlorophenol	16.946	266	261707	86.099	ng	98
71)	Phenanthrene	17.346	178	1419927	81.266	ng	99
72)	Anthracene	17.440	178	1419437	81.117	ng	99
73)	Carbazole	17.716	167	1332021	82.048	ng	100
74)	Di-n-butylphthalate	18.275	149	1539460	80.163	ng	100
75)	Fluoranthene	19.310	202	1846733	84.266	ng	100
77)	Benzidine	19.498	184	576258	81.207	ng	99
78)	Pyrene	19.663	202	1920336	72.683	ng	99
80)	Butylbenzylphthalate	20.557	149	737346	76.671	ng	100
81)	Benzo(a)anthracene	21.381	228	2052948	80.223	ng	100
82)	3,3'-Dichlorobenzidine	21.316	252	772474	84.241	ng	99
83)	Chrysene	21.434	228	1965670	81.161	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.328	149	1086047	76.803	ng	100
85)	Di-n-octyl phthalate	22.275	149	1991617	83.579	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.351	276	2855458	85.025	ng	100
88)	Benzo(b)fluoranthene	23.081	252	2351104	78.772	ng	100
89)	Benzo(k)fluoranthene	23.133	252	2277285	81.031	ng	99
90)	Benzo(a)pyrene	23.710	252	2129989	82.594	ng	100
91)	Dibenzo(a,h)anthracene	26.386	278	2346928	85.372	ng	99
92)	Benzo(g,h,i)perylene	27.139	276	2358824	84.186	ng	100

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

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