Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013674.D
Acq On : 31 Jan 2023 14:12
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:03:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 02:57:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	261624	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	981510	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	680781	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	1595373	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1629059	20.000	ng	0.00
86) Perylene-d12	24.186	264	1903765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1517715	99.168	ng	0.00
7) Phenol-d6	7.293	99	2078037	101.917	ng	0.00
23) Nitrobenzene-d5	9.316	82	1878027	111.302	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	1098171	107.548	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	4893896	100.589	ng	0.00
79) Terphenyl-d14	20.063	244	8315910	101.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	318151	49.136	ng	100
3) Pyridine	3.934	79	952156m	51.941	ng	
4) n-Nitrosodimethylamine	3.840	42	338916	50.701	ng	100
6) Aniline	7.464	93	1377107	51.809	ng	99
8) 2-Chlorophenol	7.705	128	817385	50.730	ng	97
9) Benzaldehyde	7.269	77	488356	47.406	ng	97
10) Phenol	7.317	94	1097966	51.548	ng	97
11) bis(2-Chloroethyl)ether	7.558	93	860417	50.568	ng	99
12) 1,3-Dichlorobenzene	8.028	146	898311	49.494	ng	99
13) 1,4-Dichlorobenzene	8.181	146	915048	49.828	ng	99
14) 1,2-Dichlorobenzene	8.505	146	884826	50.352	ng	99
15) Benzyl Alcohol	8.381	79	781191	54.107	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.669	45	1011906	50.728	ng	99
17) 2-Methylphenol	8.581	107	787068	52.731	ng	99
18) Hexachloroethane	9.240	117	308068	50.874	ng	97
19) n-Nitroso-di-n-propyla...	8.958	70	701867	54.865	ng	99
20) 3+4-Methylphenols	8.916	107	1085878	53.328	ng	97
22) Acetophenone	8.975	105	1323994	51.728	ng	99
24) Nitrobenzene	9.363	77	1004352	54.877	ng	99
25) Isophorone	9.893	82	1997215	53.404	ng	99
26) 2-Nitrophenol	10.075	139	440838	57.547	ng	98
27) 2,4-Dimethylphenol	10.128	122	796139	50.763	ng	99
28) bis(2-Chloroethoxy)met...	10.369	93	1171084	52.245	ng	99
29) 2,4-Dichlorophenol	10.610	162	873976	53.202	ng	99
30) 1,2,4-Trichlorobenzene	10.834	180	931303	51.092	ng	99
31) Naphthalene	11.022	128	2643433	51.221	ng	100
32) Benzoic acid	10.275	122	638926	56.945	ng	98
33) 4-Chloroaniline	11.128	127	1206262	53.195	ng	100
34) Hexachlorobutadiene	11.305	225	587740	50.796	ng	99
35) Caprolactam	11.928	113	300893	55.990	ng	98
36) 4-Chloro-3-methylphenol	12.234	107	948633	54.897	ng	99
37) 2-Methylnaphthalene	12.616	142	2021923	52.106	ng	98
38) 1-Methylnaphthalene	12.834	142	1902398	52.190	ng	99
40) 1,2,4,5-Tetrachloroben...	12.981	216	1195218	51.425	ng	100
41) Hexachlorocyclopentadiene	12.957	237	570184	53.749	ng	98
43) 2,4,6-Trichlorophenol	13.216	196	813719	53.169	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.287	196	956875	53.400	ng	99
46)	1,1'-Biphenyl	13.616	154	2613104	50.723	ng	99
47)	2-Chloronaphthalene	13.663	162	2021259	50.758	ng	98
48)	2-Nitroaniline	13.857	65	516160	60.660	ng	98
49)	Acenaphthylene	14.504	152	3297830	51.354	ng	100
50)	Dimethylphthalate	14.228	163	2737836	51.994	ng	100
51)	2,6-Dinitrotoluene	14.346	165	565632	60.102	ng	98
52)	Acenaphthene	14.846	154	2120453m	52.938	ng	
53)	3-Nitroaniline	14.681	138	599344	58.395	ng	99
54)	2,4-Dinitrophenol	14.881	184	341966	59.703	ng	98
55)	Dibenzofuran	15.175	168	3278450	50.669	ng	100
56)	4-Nitrophenol	14.975	139	510298	55.894	ng	99
57)	2,4-Dinitrotoluene	15.134	165	758342	61.402	ng	98
58)	Fluorene	15.828	166	2562458	50.442	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.398	232	831714	53.378	ng	99
60)	Diethylphthalate	15.587	149	2627662	52.054	ng	100
61)	4-Chlorophenyl-phenyle...	15.810	204	1414765	51.142	ng	98
62)	4-Nitroaniline	15.845	138	599897	58.856	ng	98
63)	Azobenzene	16.110	77	2418862	51.872	ng	100
65)	4,6-Dinitro-2-methylph...	15.898	198	478118	57.504	ng	97
66)	n-Nitrosodiphenylamine	16.028	169	2319177	49.961	ng	100
67)	4-Bromophenyl-phenylether	16.710	248	949098	51.897	ng	97
68)	Hexachlorobenzene	16.834	284	1033964	51.057	ng	99
69)	Atrazine	16.981	200	773369	51.200	ng	98
70)	Pentachlorophenol	17.175	266	810907	54.284	ng	99
71)	Phenanthrene	17.575	178	4271089	49.947	ng	99
72)	Anthracene	17.663	178	4368916	50.607	ng	99
73)	Carbazole	17.928	167	3962583	50.549	ng	100
74)	Di-n-butylphthalate	18.463	149	4453352	51.914	ng	100
75)	Fluoranthene	19.522	202	5407941	50.798	ng	99
77)	Benzidine	19.692	184	1713013	48.683	ng	99
78)	Pyrene	19.875	202	5590546	51.009	ng	99
80)	Butylbenzylphthalate	20.728	149	1640706	54.836	ng	98
81)	Benzo(a)anthracene	21.592	228	5788333	51.155	ng	99
82)	3,3'-Dichlorobenzidine	21.516	252	1894035	52.945	ng	99
83)	Chrysene	21.651	228	5434199	50.407	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.492	149	2713414	53.262	ng	99
85)	Di-n-octyl phthalate	22.475	149	4967366	53.397	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.915	276	7371359	50.913	ng	99
88)	Benzo(b)fluoranthene	23.392	252	6004351	52.476	ng	99
89)	Benzo(k)fluoranthene	23.445	252	5749175	50.165	ng	100
90)	Benzo(a)pyrene	24.069	252	5821927	51.259	ng	99
91)	Dibenzo(a,h)anthracene	26.933	278	6131103	51.016	ng	99
92)	Benzo(g,h,i)perylene	27.757	276	6064549	50.808	ng	100

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

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