Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
Data File : BP013826.D
Acq On : 16 Feb 2023 14:01
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Feb 17 00:57:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 00:45:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	173272	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	645472	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	402712	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	911159	20.000	ng	0.00
76) Chrysene-d12	21.574	240	952231	20.000	ng	0.00
86) Perylene-d12	24.133	264	1076128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	840057	79.904	ng	0.00
7) Phenol-d6	7.263	99	1129841	83.911	ng	0.00
23) Nitrobenzene-d5	9.287	82	1018704	85.224	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	494593	84.371	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	2452622	79.994	ng	0.00
79) Terphenyl-d14	20.033	244	4049064	81.812	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	172412	37.730	ng	100
3) Pyridine	3.911	79	482101	39.107	ng	100
4) n-Nitrosodimethylamine	3.816	42	179557	38.894	ng	100
6) Aniline	7.434	93	728586	41.645	ng	100
8) 2-Chlorophenol	7.669	128	440152	39.691	ng	100
9) Benzaldehyde	7.246	77	246863	38.536	ng	100
10) Phenol	7.287	94	585472	41.774	ng	100
11) bis(2-Chloroethyl)ether	7.528	93	429765	38.316	ng	100
12) 1,3-Dichlorobenzene	7.999	146	514697	41.277	ng	100
13) 1,4-Dichlorobenzene	8.146	146	500366	39.726	ng	100
14) 1,2-Dichlorobenzene	8.469	146	484009	41.165	ng	100
15) Benzyl Alcohol	8.351	79	406179	42.996	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.646	45	512024	42.720	ng	100
17) 2-Methylphenol	8.551	107	413931	43.401	ng	100
18) Hexachloroethane	9.204	117	182498	41.363	ng	100
19) n-Nitroso-di-n-propyla...	8.922	70	353636	44.874	ng	100
20) 3+4-Methylphenols	8.881	107	559064	43.553	ng	100
22) Acetophenone	8.946	105	701871	43.111	ng	100
24) Nitrobenzene	9.328	77	538897	43.202	ng	100
25) Isophorone	9.857	82	986275	42.817	ng	100
26) 2-Nitrophenol	10.046	139	234614	40.381	ng	100
27) 2,4-Dimethylphenol	10.093	122	419386	43.535	ng	100
28) bis(2-Chloroethoxy)met...	10.334	93	616984	41.959	ng	100
29) 2,4-Dichlorophenol	10.581	162	444789	43.035	ng	100
30) 1,2,4-Trichlorobenzene	10.798	180	493273	40.671	ng	100
31) Naphthalene	10.987	128	1432738	40.486	ng	100
32) Benzoic acid	10.228	122	293606	39.641	ng	100
33) 4-Chloroaniline	11.098	127	628243	42.277	ng	100
34) Hexachlorobutadiene	11.269	225	323997	40.200	ng	100
35) Caprolactam	11.887	113	137192	41.575	ng	100
36) 4-Chloro-3-methylphenol	12.204	107	484056	42.030	ng	100
37) 2-Methylnaphthalene	12.587	142	1041427	40.654	ng	100
38) 1-Methylnaphthalene	12.804	142	972232	40.552	ng	100
40) 1,2,4,5-Tetrachloroben...	12.945	216	585923	40.343	ng	100
41) Hexachlorocyclopentadiene	12.928	237	325948	42.251	ng	100
43) 2,4,6-Trichlorophenol	13.181	196	386459	42.536	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	451601	41.822	ng	100
46) 1,1'-Biphenyl	13.581	154	1309597	40.234	ng	100
47) 2-Chloronaphthalene	13.628	162	1006206	40.576	ng	100
48) 2-Nitroaniline	13.828	65	273271	39.418	ng	100
49) Acenaphthylene	14.469	152	1623419	41.530	ng	100
50) Dimethylphthalate	14.198	163	1348638	41.155	ng	100
51) 2,6-Dinitrotoluene	14.316	165	286569	40.331	ng	100
52) Acenaphthene	14.810	154	982808	41.317	ng	100
53) 3-Nitroaniline	14.651	138	296049	40.057	ng	100
54) 2,4-Dinitrophenol	14.851	184	173359	39.645	ng	100
55) Dibenzofuran	15.145	168	1614177	40.784	ng	100
56) 4-Nitrophenol	14.945	139	246321	42.051	ng	100
57) 2,4-Dinitrotoluene	15.104	165	384465	40.263	ng	100
58) Fluorene	15.792	166	1262094	40.669	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.369	232	388197	41.760	ng	100
60) Diethylphthalate	15.557	149	1323424	41.416	ng	100
61) 4-Chlorophenyl-phenyle...	15.781	204	686894	40.851	ng	100
62) 4-Nitroaniline	15.816	138	302621	39.911	ng	100
63) Azobenzene	16.075	77	1224064	42.340	ng	100
65) 4,6-Dinitro-2-methylph...	15.869	198	245916	39.207	ng	100
66) n-Nitrosodiphenylamine	15.998	169	1127466	40.852	ng	100
67) 4-Bromophenyl-phenylether	16.680	248	440131	40.925	ng	100
68) Hexachlorobenzene	16.798	284	471423	40.157	ng	100
69) Atrazine	16.945	200	393089	41.775	ng	100
70) Pentachlorophenol	17.145	266	368682	42.596	ng	100
71) Phenanthrene	17.545	178	2056724	40.293	ng	100
72) Anthracene	17.633	178	2108068	41.302	ng	100
73) Carbazole	17.898	167	1899340	41.335	ng	100
74) Di-n-butylphthalate	18.427	149	2285387	42.451	ng	100
75) Fluoranthene	19.492	202	2576330	40.487	ng	100
77) Benzidine	19.669	184	741295	38.564	ng	100
78) Pyrene	19.845	202	2728711	41.933	ng	100
80) Butylbenzylphthalate	20.698	149	1004993	43.453	ng	100
81) Benzo(a)anthracene	21.557	228	2817341	41.317	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	924360	43.088	ng	100
83) Chrysene	21.616	228	2708117	40.996	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1573546	43.639	ng	100
85) Di-n-octyl phthalate	22.433	149	2688445	41.842	ng	100
87) Indeno(1,2,3-cd)pyrene	26.827	276	3446323	41.168	ng	100
88) Benzo(b)fluoranthene	23.345	252	2782168	40.878	ng	100
89) Benzo(k)fluoranthene	23.398	252	2925472	42.345	ng	100
90) Benzo(a)pyrene	24.021	252	2751747	41.821	ng	100
91) Dibenzo(a,h)anthracene	26.851	278	2880633	41.071	ng	100
92) Benzo(g,h,i)perylene	27.662	276	2857601	41.203	ng	100

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

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