Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123024\
Data File : BP023589.D
Acq On : 30 Dec 2024 15:00
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Dec 30 16:04:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP123024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 15:51:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	616183	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	2598473	20.000	ng		0.00
39) Acenaphthene-d10	14.440	164	1641907	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	3384372	20.000	ng		0.01
76) Chrysene-d12	21.722	240	3275372	20.000	ng		0.00
86) Perylene-d12	25.157	264	3557375	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.417	112	6352423	160.906	ng		0.00
7) Phenol-d6	6.981	99	8758691	162.859	ng		0.01
23) Nitrobenzene-d5	8.963	82	7529895	163.528	ng		0.01
42) 2,4,6-Tribromophenol	15.957	330	3272116	172.354	ng		0.00
45) 2-Fluorobiphenyl	13.046	172	14946187	133.588	ng		0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	1210419	76.335	ng		100
3) Pyridine	3.740	79	3715484m	81.444	ng		
4) n-Nitrosodimethylamine	3.652	42	1237840	79.662	ng		92
6) Aniline	7.158	93	3652339	75.785	ng		100
8) 2-Chlorophenol	7.387	128	3386299	79.864	ng		99
10) Phenol	7.005	94	4418679	80.777	ng		99
11) bis(2-Chloroethyl)ether	7.246	93	3450244	78.947	ng		99
12) 1,3-Dichlorobenzene	7.711	146	3746632	76.383	ng		100
13) 1,4-Dichlorobenzene	7.852	146	3797219	76.321	ng		99
14) 1,2-Dichlorobenzene	8.169	146	3652305	76.462	ng		100
15) Benzyl Alcohol	8.046	79	2874012	82.191	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.346	45	3415152	76.356	ng		100
17) 2-Methylphenol	8.246	107	2870135	81.076	ng		99
18) Hexachloroethane	8.893	117	1380055	77.715	ng		97
19) n-Nitroso-di-n-propyla...	8.616	70	2654661	78.123	ng		99
20) 3+4-Methylphenols	8.575	107	3967373	82.856	ng		99
22) Acetophenone	8.628	105	5250519	77.475	ng	#	99
24) Nitrobenzene	9.005	77	3863358	80.302	ng		97
25) Isophorone	9.528	82	7297335	79.100	ng		98
26) 2-Nitrophenol	9.711	139	1602949	79.152	ng		98
27) 2,4-Dimethylphenol	9.763	122	2405534	81.779	ng		98
28) bis(2-Chloroethoxy)met...	10.005	93	4601647	79.434	ng		99
29) 2,4-Dichlorophenol	10.240	162	3184438	85.446	ng		99
30) 1,2,4-Trichlorobenzene	10.458	180	3505275	79.329	ng		100
31) Naphthalene	10.646	128	11084940	77.559	ng		99
32) Benzoic acid	9.916	122	2193550	79.083	ng		100
33) 4-Chloroaniline	10.746	127	4185467	78.879	ng		99
34) Hexachlorobutadiene	10.940	225	2024451	79.003	ng		97
35) Caprolactam	11.534	113	1224296	84.611	ng		96
36) 4-Chloro-3-methylphenol	11.863	107	3586531	85.504	ng		99
37) 2-Methylnaphthalene	12.252	142	7794408	79.246	ng		100
38) 1-Methylnaphthalene	12.475	142	7623070	78.892	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	3706895	79.982	ng		99
41) Hexachlorocyclopentadiene	12.616	237	1109547	83.719	ng		98
43) 2,4,6-Trichlorophenol	12.857	196	2481671	90.028	ng		99
44) 2,4,5-Trichlorophenol	12.934	196	2755717	87.246	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.275	154	9586818	77.616	ng		98
47) 2-Chloronaphthalene	13.310	162	7699338	78.433	ng		99
48) 2-Nitroaniline	13.504	65	2086340	79.801	ng		97
49) Acenaphthylene	14.163	152	11276385	78.355	ng		99
50) Dimethylphthalate	13.904	163	9294745	78.256	ng		99
51) 2,6-Dinitrotoluene	14.010	165	2181463	90.795	ng		94
52) Acenaphthene	14.516	154	7736065	80.421	ng		99
53) 3-Nitroaniline	14.340	138	2340398	90.864	ng		97
54) 2,4-Dinitrophenol	14.546	184	756825	79.333	ng		96
55) Dibenzofuran	14.851	168	11197673	77.714	ng		97
56) 4-Nitrophenol	14.640	139	1963579	90.618	ng		95
57) 2,4-Dinitrotoluene	14.804	165	2931965	79.787	ng		95
58) Fluorene	15.516	166	9356543	76.763	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	2360976	89.743	ng		98
60) Diethylphthalate	15.298	149	9612806	78.370	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	4644168	78.495	ng		99
62) 4-Nitroaniline	15.522	138	2572676	89.553	ng		95
63) Azobenzene	15.816	77	8875097	76.884	ng		98
65) 4,6-Dinitro-2-methylph...	15.587	198	1205072	79.049	ng		99
66) n-Nitrosodiphenylamine	15.728	169	7973344	77.885	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	2772269	77.011	ng		99
68) Hexachlorobenzene	16.545	284	3499461	79.236	ng		98
69) Atrazine	16.698	200	1636405	60.865	ng		99
70) Pentachlorophenol	16.892	266	2312161	90.781	ng		99
71) Phenanthrene	17.292	178	13208326	73.271	ng		94
72) Anthracene	17.387	178	13295593	75.805	ng		95
73) Carbazole	17.669	167	13863408	77.208	ng		99
74) Di-n-butylphthalate	18.275	149	13050149	65.708	ng	#	92
75) Fluoranthene	19.381	202	14313611	67.773	ng		92
77) Benzidine	19.575	184	4437646	79.062	ng		99
78) Pyrene	19.757	202	14556625	67.204	ng	#	85
80) Butylbenzylphthalate	20.728	149	7777421	79.320	ng		97
81) Benzo(a)anthracene	21.698	228	16102599m	73.163	ng		
82) 3,3'-Dichlorobenzidine	21.628	252	6054610	81.765	ng		99
83) Chrysene	21.775	228	15915069	76.951	ng		97
84) Bis(2-ethylhexyl)phtha...	21.675	149	12101060	88.730	ng		97
85) Di-n-octyl phthalate	22.998	149	17899658	82.048	ng		99
87) Indeno(1,2,3-cd)pyrene	29.086	276	20872342m	83.298	ng		
88) Benzo(b)fluoranthene	24.086	252	18510011	82.857	ng		99
89) Benzo(k)fluoranthene	24.157	252	17270623	79.182	ng		97
90) Benzo(a)pyrene	25.004	252	15962648	83.191	ng		99
91) Dibenzo(a,h)anthracene	29.198	278	17298931	83.084	ng		99
92) Benzo(g,h,i)perylene	30.309	276	17253265	82.755	ng		100

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

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