Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
Data File : BP019810.D
Acq On : 21 Feb 2024 16:20
Operator : MA/JU
Sample : P1523-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

Quant Time: Feb 21 16:45:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	59086	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	225048	20.000	ng		0.00
39) Acenaphthene-d10	14.528	164	166007	20.000	ng		-0.01
64) Phenanthrene-d10	17.287	188	384377	20.000	ng		0.00
76) Chrysene-d12	21.380	240	416810	20.000	ng		#-0.01
86) Perylene-d12	23.792	264	436272	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	366093	99.874	ng		0.00
7) Phenol-d6	7.069	99	487967	98.729	ng		0.00
23) Nitrobenzene-d5	9.063	82	325706	62.712	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	291012	120.063	ng		-0.01
45) 2-Fluorobiphenyl	13.157	172	712487	53.058	ng		0.00
79) Terphenyl-d14	19.851	244	1268027	50.031	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	48692	34.478	ng		96
3) Pyridine	3.770	79	131699	34.396	ng		97
4) n-Nitrosodimethylamine	3.693	42	70189	42.106	ng		97
6) Aniline	7.222	93	144313	30.049	ng		99
8) 2-Chlorophenol	7.458	128	170004	45.174	ng		99
9) Benzaldehyde	7.040	77	31800m	9.177	ng		
10) Phenol	7.093	94	220339	44.729	ng		97
11) bis(2-Chloroethyl)ether	7.328	93	158801	41.436	ng		98
12) 1,3-Dichlorobenzene	7.775	146	189242	41.096	ng		100
13) 1,4-Dichlorobenzene	7.928	146	195151	41.830	ng		99
14) 1,2-Dichlorobenzene	8.240	146	186921	41.409	ng		99
15) Benzyl Alcohol	8.140	79	179105m	45.353	ng		
16) 2,2'-oxybis(1-Chloropr...	8.416	45	157073	40.985	ng		99
17) 2-Methylphenol	8.346	107	144413	43.544	ng		100
18) Hexachloroethane	8.958	117	74022	40.934	ng		99
19) n-Nitroso-di-n-propyla...	8.710	70	142411	42.184	ng		97
20) 3+4-Methylphenols	8.669	107	200658	44.333	ng		99
22) Acetophenone	8.728	105	270149	42.137	ng	#	97
24) Nitrobenzene	9.105	77	210008	40.161	ng		99
25) Isophorone	9.634	82	385106	42.576	ng		99
26) 2-Nitrophenol	9.810	139	96199	48.248	ng		95
27) 2,4-Dimethylphenol	9.875	122	111605	43.775	ng		98
28) bis(2-Chloroethoxy)met...	10.116	93	216300	42.266	ng		97
29) 2,4-Dichlorophenol	10.346	162	183464	47.603	ng		97
30) 1,2,4-Trichlorobenzene	10.557	180	206347	43.667	ng		99
31) Naphthalene	10.746	128	520108	42.138	ng		100
32) Benzoic acid	10.022	122	129021	51.940	ng		98
33) 4-Chloroaniline	10.869	127	85853	18.808	ng		97
34) Hexachlorobutadiene	11.010	225	150469	42.969	ng		99
35) Caprolactam	11.675	113	55732	51.081	ng		100
36) 4-Chloro-3-methylphenol	11.993	107	202320	48.144	ng		100
37) 2-Methylnaphthalene	12.351	142	376717	44.102	ng		99
38) 1-Methylnaphthalene	12.569	142	361989	43.124	ng		100
40) 1,2,4,5-Tetrachloroben...	12.716	216	269025	42.020	ng		99
41) Hexachlorocyclopentadiene	12.681	237	288449	99.733	ng		100
43) 2,4,6-Trichlorophenol	12.963	196	174247	44.947	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	189620	44.544	ng		99
46) 1,1'-Biphenyl	13.369	154	533596	40.273	ng		99
47) 2-Chloronaphthalene	13.404	162	422334	38.830	ng		100
48) 2-Nitroaniline	13.622	65	134600	44.258	ng		98
49) Acenaphthylene	14.251	152	678475	44.464	ng		99
50) Dimethylphthalate	14.004	163	558835	43.974	ng		100
51) 2,6-Dinitrotoluene	14.122	165	120066	43.002	ng		97
52) Acenaphthene	14.593	154	386267	40.786	ng		99
53) 3-Nitroaniline	14.451	138	92731	36.139	ng		93
54) 2,4-Dinitrophenol	14.663	184	156474	107.936	ng		98
55) Dibenzofuran	14.928	168	670902	43.495	ng		99
56) 4-Nitrophenol	14.763	139	200499	95.333	ng		97
57) 2,4-Dinitrotoluene	14.910	165	177549	48.525	ng	#	99
58) Fluorene	15.581	166	544937	44.356	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	184285	51.467	ng		95
60) Diethylphthalate	15.363	149	567187	44.871	ng		99
61) 4-Chlorophenyl-phenyle...	15.581	204	311832	45.160	ng		95
62) 4-Nitroaniline	15.616	138	117963	43.859	ng		97
63) Azobenzene	15.875	77	520308	42.567	ng		97
65) 4,6-Dinitro-2-methylph...	15.675	198	109839	50.115	ng		93
66) n-Nitrosodiphenylamine	15.798	169	473571	41.138	ng		99
67) 4-Bromophenyl-phenylether	16.475	248	209179	43.532	ng		97
68) Hexachlorobenzene	16.575	284	244098	43.501	ng		98
69) Atrazine	16.763	200	204022	53.409	ng		97
70) Pentachlorophenol	16.928	266	316370	90.535	ng		97
71) Phenanthrene	17.328	178	900807	44.532	ng		100
72) Anthracene	17.422	178	909244	45.059	ng		100
73) Carbazole	17.698	167	813152	44.358	ng		99
74) Di-n-butylphthalate	18.257	149	988461	44.595	ng		99
75) Fluoranthene	19.298	202	1169912	47.343	ng		99
77) Benzidine	19.486	184	158078	18.140	ng		99
78) Pyrene	19.651	202	1211090	41.170	ng		99
80) Butylbenzylphthalate	20.533	149	473860	43.135	ng		99
81) Benzo(a)anthracene	21.363	228	1283986	43.762	ng		99
82) 3,3'-Dichlorobenzidine	21.298	252	404728	37.855	ng		100
83) Chrysene	21.416	228	1209463	43.418	ng		99
84) Bis(2-ethylhexyl)phtha...	21.298	149	693492	41.456	ng		99
85) Di-n-octyl phthalate	22.239	149	1194819	40.596	ng		99
87) Indeno(1,2,3-cd)pyrene	26.321	276	1363439	40.828	ng		97
88) Benzo(b)fluoranthene	23.057	252	1234308	44.890	ng		99
89) Benzo(k)fluoranthene	23.110	252	1211690	46.133	ng		99
90) Benzo(a)pyrene	23.686	252	1087795	44.463	ng		98
91) Dibenzo(a,h)anthracene	26.345	278	1128127	41.074	ng		98
92) Benzo(g,h,i)perylene	27.098	276	1056599	37.919	ng		98

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

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