Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060942.D
Acq On : 18 Apr 2024 19:16
Operator : MA/JU
Sample : P2150-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 00:47:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	51350	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	201503	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	169971	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	466476	20.000	ng	0.00
76) Chrysene-d12	21.575	240	434319	20.000	ng	0.00
86) Perylene-d12	24.689	264	283105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	382122	129.257	ng	0.00
7) Phenol-d6	7.110	99	502121	117.903	ng	0.00
23) Nitrobenzene-d5	9.096	82	387456	87.292	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	389179	138.598	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	998374	86.196	ng	0.00
79) Terphenyl-d14	19.936	244	2099242	84.354	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	44918	37.586	ng	# 35
3) Pyridine	3.855	79	132882	34.948	ng	99
4) n-Nitrosodimethylamine	3.749	42	99102	40.845	ng	96
6) Aniline	7.274	93	16758	3.230	ng	92
8) 2-Chlorophenol	7.503	128	156489	46.530	ng	99
9) Benzaldehyde	7.074	77	8705	3.806	ng	90
10) Phenol	7.133	94	186354	43.661	ng	95
11) bis(2-Chloroethyl)ether	7.362	93	142812	43.137	ng	96
12) 1,3-Dichlorobenzene	7.827	146	156743	43.863	ng	99
13) 1,4-Dichlorobenzene	7.973	146	163561	44.710	ng	98
14) 1,2-Dichlorobenzene	8.291	146	157098	44.162	ng	96
15) Benzyl Alcohol	8.173	79	107033	29.216	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.461	45	340763	42.590	ng	98
17) 2-Methylphenol	8.379	107	135676	40.231	ng	97
18) Hexachloroethane	9.019	117	57717	44.431	ng	95
19) n-Nitroso-di-n-propyla...	8.743	70	133735	41.226	ng	95
20) 3+4-Methylphenols	8.708	107	193999	41.465	ng	97
22) Acetophenone	8.755	105	251243	43.783	ng	98
24) Nitrobenzene	9.137	77	191297	43.914	ng	98
25) Isophorone	9.660	82	360103	43.963	ng	98
26) 2-Nitrophenol	9.848	139	85469	46.703	ng	96
27) 2,4-Dimethylphenol	9.912	122	125065	38.788	ng	97
28) bis(2-Chloroethoxy)met...	10.141	93	191300	41.535	ng	98
29) 2,4-Dichlorophenol	10.382	162	161488	46.162	ng	99
30) 1,2,4-Trichlorobenzene	10.600	180	165589	44.158	ng	98
31) Naphthalene	10.788	128	470479	43.172	ng	98
32) Benzoic acid	10.047	122	117685	45.090	ng	96
34) Hexachlorobutadiene	11.076	225	115814	43.444	ng	99
35) Caprolactam	11.657	113	58119m	45.028	ng	
36) 4-Chloro-3-methylphenol	12.016	107	201173	47.579	ng	99
37) 2-Methylnaphthalene	12.392	142	352773	42.790	ng	100
38) 1-Methylnaphthalene	12.609	142	330070	42.409	ng	96
40) 1,2,4,5-Tetrachloroben...	12.762	216	232091	44.250	ng	98
41) Hexachlorocyclopentadiene	12.744	237	266618	99.413	ng	98
43) 2,4,6-Trichlorophenol	12.997	196	171271	46.959	ng	98
44) 2,4,5-Trichlorophenol	13.073	196	196938	44.774	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.402	154	526114	45.523	ng	98
47) 2-Chloronaphthalene	13.444	162	414326	46.841	ng	98
48) 2-Nitroaniline	13.637	65	141294	38.926	ng	97
49) Acenaphthylene	14.290	152	716410	47.897	ng	99
50) Dimethylphthalate	14.031	163	640367	47.477	ng	99
51) 2,6-Dinitrotoluene	14.143	165	129691	47.177	ng	97
52) Acenaphthene	14.636	154	409936	45.191	ng	97
53) 3-Nitroaniline	14.466	138	16847	5.583	ng	91
54) 2,4-Dinitrophenol	14.677	184	187861	105.137	ng	96
55) Dibenzofuran	14.971	168	698771	45.601	ng	99
56) 4-Nitrophenol	14.783	139	224892	97.336	ng	97
57) 2,4-Dinitrotoluene	14.930	165	197726	50.333	ng	95
58) Fluorene	15.617	166	586897	46.174	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.194	232	196356	48.594	ng	98
60) Diethylphthalate	15.394	149	628821	46.546	ng	98
61) 4-Chlorophenyl-phenyle...	15.612	204	315204	44.736	ng	95
62) 4-Nitroaniline	15.629	138	61242	18.874	ng	93
63) Azobenzene	15.905	77	562615	44.187	ng	98
65) 4,6-Dinitro-2-methylph...	15.694	198	133515	51.303	ng	98
66) n-Nitrosodiphenylamine	15.823	169	147450	11.515	ng	99
67) 4-Bromophenyl-phenylether	16.511	248	226944	43.429	ng	95
68) Hexachlorobenzene	16.622	284	263387	46.321	ng	99
70) Pentachlorophenol	16.969	266	368218	95.620	ng	99
71) Phenanthrene	17.357	178	1062838	45.013	ng	98
72) Anthracene	17.451	178	1094706	45.136	ng	98
73) Carbazole	17.715	167	252489	11.949	ng	100
74) Di-n-butylphthalate	18.291	149	1151657	45.269	ng	99
75) Fluoranthene	19.372	202	1305197	43.429	ng	99
78) Pyrene	19.730	202	1325130	44.477	ng	99
80) Butylbenzylphthalate	20.629	149	506306	46.267	ng	99
81) Benzo(a)anthracene	21.558	228	1384823	45.153	ng	100
83) Chrysene	21.622	228	1336903	45.655	ng	100
84) Bis(2-ethylhexyl)phtha...	21.487	149	738141	45.616	ng	99
85) Di-n-octyl phthalate	22.674	149	1279454	45.824	ng	100
87) Indeno(1,2,3-cd)pyrene	28.238	276	1405822	71.810	ng	98
88) Benzo(b)fluoranthene	23.714	252	1373422	85.743	ng	99
89) Benzo(k)fluoranthene	23.778	252	1320169	80.564	ng	99
90) Benzo(a)pyrene	24.548	252	997860	63.186	ng	99
91) Dibenzo(a,h)anthracene	28.303	278	1307925	81.163	ng	99
92) Benzo(g,h,i)perylene	29.337	276	997493	63.315	ng	96

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

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