Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
Data File : BP021527.D
Acq On : 16 Aug 2024 00:24
Operator : RC/JU
Sample : P3607-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NB-08-08142024MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 16 01:32:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	493629	20.000	ng		0.00
21) Naphthalene-d8	10.599	136	1756693	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	981557	20.000	ng		-0.01
64) Phenanthrene-d10	17.251	188	2072325	20.000	ng		0.00
76) Chrysene-d12	21.710	240	2121617	20.000	ng		0.01
86) Perylene-d12	25.121	264	2599095	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	2939473	88.421	ng		0.01
7) Phenol-d6	6.969	99	3860836	79.612	ng		0.00
23) Nitrobenzene-d5	8.958	82	2284252	67.116	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1068097	97.772	ng		-0.01
45) 2-Fluorobiphenyl	13.057	172	3794203	58.994	ng		0.00
79) Terphenyl-d14	19.975	244	6079294	55.667	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	526222	33.383	ng		99
3) Pyridine	3.711	79	1444769	32.833	ng		96
4) n-Nitrosodimethylamine	3.623	42	521252	39.410	ng		90
6) Aniline	7.134	93	2205442	45.490	ng		98
8) 2-Chlorophenol	7.375	128	1357557	44.189	ng		96
9) Benzaldehyde	6.946	77	1128916m	36.357	ng		
10) Phenol	6.993	94	2059253	41.006	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	1620184	38.128	ng		98
12) 1,3-Dichlorobenzene	7.699	146	1482719	40.631	ng		98
13) 1,4-Dichlorobenzene	7.846	146	1490019	40.436	ng		98
14) 1,2-Dichlorobenzene	8.158	146	1421334	40.026	ng		100
15) Benzyl Alcohol	8.040	79	1406677	40.427	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.328	45	1510498	38.600	ng		98
17) 2-Methylphenol	8.240	107	1269527	39.988	ng		98
18) Hexachloroethane	8.887	117	564551	38.206	ng		97
19) n-Nitroso-di-n-propyla...	8.610	70	1104725	32.977	ng		97
20) 3+4-Methylphenols	8.563	107	1710043	39.947	ng		99
22) Acetophenone	8.622	105	2287524	42.387	ng	#	97
24) Nitrobenzene	8.999	77	1653370	44.728	ng		94
25) Isophorone	9.522	82	3131735	38.950	ng		98
26) 2-Nitrophenol	9.705	139	596558	57.924	ng		97
27) 2,4-Dimethylphenol	9.763	122	1080371	54.446	ng		98
28) bis(2-Chloroethoxy)met...	10.005	93	1978159	40.305	ng		99
29) 2,4-Dichlorophenol	10.240	162	1124864	47.979	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	1254654	41.741	ng		98
31) Naphthalene	10.646	128	4030416	43.919	ng		99
32) Benzoic acid	9.887	122	707948	52.526	ng		97
33) 4-Chloroaniline	10.746	127	1508905	43.772	ng		97
34) Hexachlorobutadiene	10.940	225	815263	43.077	ng		98
35) Caprolactam	11.499	113	409891m	42.003	ng		
36) 4-Chloro-3-methylphenol	11.869	107	1348016	41.449	ng		97
37) 2-Methylnaphthalene	12.257	142	2643466	42.206	ng		99
38) 1-Methylnaphthalene	12.475	142	2500056	40.472	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1328579	46.196	ng		99
41) Hexachlorocyclopentadiene	12.616	237	370645	40.663	ng		96
43) 2,4,6-Trichlorophenol	12.863	196	850702	53.250	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	913739	51.479	ng		98
46) 1,1'-Biphenyl	13.275	154	3074884	44.277	ng		98
47) 2-Chloronaphthalene	13.316	162	2403658	44.458	ng		99
48) 2-Nitroaniline	13.504	65	776168	50.876	ng		90
49) Acenaphthylene	14.169	152	3842800	48.349	ng		100
50) Dimethylphthalate	13.898	163	2850667	43.367	ng		100
51) 2,6-Dinitrotoluene	14.010	165	590875	44.841	ng		96
52) Acenaphthene	14.516	154	2551004	48.917	ng		100
53) 3-Nitroaniline	14.334	138	641638	49.115	ng	#	95
54) 2,4-Dinitrophenol	14.545	184	245164	60.925	ng		90
55) Dibenzofuran	14.851	168	3696144	46.073	ng		98
56) 4-Nitrophenol	14.645	139	1171087	105.679	ng		90
57) 2,4-Dinitrotoluene	14.804	165	819017	48.499	ng	#	88
58) Fluorene	15.510	166	3175023	48.176	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	793602	52.677	ng	#	91
60) Diethylphthalate	15.287	149	2855542	42.338	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	1390685	40.822	ng		99
62) 4-Nitroaniline	15.522	138	666701	49.643	ng		96
63) Azobenzene	15.804	77	3271392	39.459	ng		96
65) 4,6-Dinitro-2-methylph...	15.587	198	181780	34.106	ng		86
66) n-Nitrosodiphenylamine	15.722	169	2531786	45.589	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	921162	42.000	ng		97
68) Hexachlorobenzene	16.551	284	1092574	42.153	ng		96
69) Atrazine	16.704	200	898342	47.115	ng		99
70) Pentachlorophenol	16.892	266	1462882	103.408	ng		99
71) Phenanthrene	17.298	178	6933238	69.567	ng		100
72) Anthracene	17.386	178	5386993	55.115	ng		99
73) Carbazole	17.663	167	4507291	47.850	ng		99
74) Di-n-butylphthalate	18.275	149	5203743	44.983	ng		99
75) Fluoranthene	19.380	202	8439891	69.019	ng		98
77) Benzidine	19.575	184	2832268	60.919	ng		99
78) Pyrene	19.763	202	9080051	65.478	ng		99
80) Butylbenzylphthalate	20.704	149	2550725	48.430	ng		92
81) Benzo(a)anthracene	21.692	228	7605733	57.106	ng		98
82) 3,3'-Dichlorobenzidine	21.604	252	2091710	48.983	ng		99
83) Chrysene	21.763	228	7121701	56.635	ng		99
84) Bis(2-ethylhexyl)phtha...	21.645	149	3901517	49.563	ng		99
85) Di-n-octyl phthalate	22.963	149	6874935	49.545	ng		98
87) Indeno(1,2,3-cd)pyrene	29.062	276	8831394	52.419	ng	#	93
88) Benzo(b)fluoranthene	24.057	252	8077389	54.112	ng		99
89) Benzo(k)fluoranthene	24.127	252	6949369	47.724	ng		99
90) Benzo(a)pyrene	24.980	252	7637778	58.961	ng		99
91) Dibenzo(a,h)anthracene	29.145	278	6646324	47.479	ng		99
92) Benzo(g,h,i)perylene	30.280	276	6928817	49.384	ng		98

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

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