Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052824\
Data File : BP020466.D
Acq On : 28 May 2024 18:37
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 29 01:40:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 01:36:38 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP052824

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	327740	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	1360162	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	859631	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1700208	20.000	ng		0.01
76) Chrysene-d12	21.663	240	1007824	20.000	ng		-0.01
86) Perylene-d12	25.033	264	1144950	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1489620	79.985	ng		0.00
7) Phenol-d6	6.934	99	2061014	80.918	ng		0.00
23) Nitrobenzene-d5	8.910	82	2026936	83.123	ng		-0.01
42) 2,4,6-Tribromophenol	15.922	330	736307	90.839	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	4611947	77.932	ng		0.00
79) Terphenyl-d14	19.951	244	5289524	88.887	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	294302	38.313	ng		99
3) Pyridine	3.711	79	836369m	39.552	ng		
4) n-Nitrosodimethylamine	3.628	42	405506	39.316	ng		97
6) Aniline	7.105	93	1031905	40.506	ng		98
8) 2-Chlorophenol	7.334	128	817980	40.426	ng		98
9) Benzaldehyde	6.922	77	584966	42.992	ng		99
10) Phenol	6.958	94	1052518	40.396	ng		100
11) bis(2-Chloroethyl)ether	7.205	93	861609	40.255	ng		99
12) 1,3-Dichlorobenzene	7.658	146	955155	39.423	ng		99
13) 1,4-Dichlorobenzene	7.799	146	960970	39.144	ng		99
14) 1,2-Dichlorobenzene	8.110	146	919911	39.273	ng		99
15) Benzyl Alcohol	7.999	79	757196	41.690	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1266784	39.585	ng		99
17) 2-Methylphenol	8.193	107	716367	41.423	ng		99
18) Hexachloroethane	8.828	117	355161	40.176	ng		98
19) n-Nitroso-di-n-propyla...	8.569	70	690878	40.789	ng		100
20) 3+4-Methylphenols	8.516	107	976680	41.812	ng		99
22) Acetophenone	8.581	105	1333667	39.676	ng	#	99
24) Nitrobenzene	8.957	77	1013000	40.707	ng		99
25) Isophorone	9.469	82	1906396	40.654	ng		100
26) 2-Nitrophenol	9.652	139	387651	43.937	ng		99
27) 2,4-Dimethylphenol	9.710	122	588998	40.920	ng		100
28) bis(2-Chloroethoxy)met...	9.957	93	1155364	39.679	ng		99
29) 2,4-Dichlorophenol	10.175	162	800586	41.893	ng		99
30) 1,2,4-Trichlorobenzene	10.399	180	933949	40.215	ng		99
31) Naphthalene	10.587	128	2716384	39.091	ng		100
32) Benzoic acid	9.840	122	512681	44.365	ng		98
33) 4-Chloroaniline	10.693	127	1054870	40.702	ng		99
34) Hexachlorobutadiene	10.869	225	575104	39.679	ng		98
35) Caprolactam	11.481	113	276720	44.791	ng		93
36) 4-Chloro-3-methylphenol	11.810	107	914497	43.101	ng		98
37) 2-Methylnaphthalene	12.204	142	1928744	40.653	ng		100
38) 1-Methylnaphthalene	12.422	142	1890270	40.389	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	1006388	39.271	ng		99
41) Hexachlorocyclopentadiene	12.551	237	351189	39.364	ng		99
43) 2,4,6-Trichlorophenol	12.810	196	645857	43.083	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	729994	42.997	ng	98
46) 1,1'-Biphenyl	13.228	154	2460721	39.495	ng	100
47) 2-Chloronaphthalene	13.263	162	1930477	39.005	ng	99
48) 2-Nitroaniline	13.463	65	554922	49.050	ng	99
49) Acenaphthylene	14.116	152	2892068	40.197	ng	100
50) Dimethylphthalate	13.851	163	2372676	41.248	ng	99
51) 2,6-Dinitrotoluene	13.969	165	535785	45.269	ng	97
52) Acenaphthene	14.463	154	1877559m	40.464	ng	
53) 3-Nitroaniline	14.304	138	524888	45.413	ng	94
54) 2,4-Dinitrophenol	14.510	184	173415	46.536	ng	93
55) Dibenzofuran	14.804	168	2805541	39.721	ng	99
56) 4-Nitrophenol	14.604	139	402726	44.902	ng	98
57) 2,4-Dinitrotoluene	14.775	165	687945	42.431	ng	98
58) Fluorene	15.469	166	2208540	39.897	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	592206	44.924	ng	100
60) Diethylphthalate	15.251	149	2410385	42.245	ng	99
61) 4-Chlorophenyl-phenyle...	15.475	204	1130341	39.667	ng	100
62) 4-Nitroaniline	15.487	138	496047	44.226	ng	98
63) Azobenzene	15.775	77	2232150	40.435	ng	99
65) 4,6-Dinitro-2-methylph...	15.540	198	267374	45.153	ng	96
66) n-Nitrosodiphenylamine	15.692	169	1934024	39.211	ng	100
67) 4-Bromophenyl-phenylether	16.392	248	717970	40.215	ng	97
68) Hexachlorobenzene	16.492	284	821047	39.522	ng	100
69) Atrazine	16.669	200	643781	41.429	ng	99
70) Pentachlorophenol	16.845	266	489645	43.308	ng	99
71) Phenanthrene	17.257	178	3307935	39.362	ng	99
72) Anthracene	17.345	178	3230204	39.383	ng	100
73) Carbazole	17.634	167	2990736	39.552	ng	100
74) Di-n-butylphthalate	18.239	149	3677510	42.462	ng	100
75) Fluoranthene	19.345	202	3418915	38.260	ng	99
77) Benzidine	19.551	184	1334628	47.805	ng	100
78) Pyrene	19.722	202	3417908	45.016	ng	99
80) Butylbenzylphthalate	20.692	149	1091410	42.627	ng	99
81) Benzo(a)anthracene	21.645	228	2674425	40.384	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	859289	41.800	ng	99
83) Chrysene	21.710	228	2508072	39.890	ng	100
84) Bis(2-ethylhexyl)phtha...	21.616	149	1542164	42.979	ng	99
85) Di-n-octyl phthalate	22.916	149	2384809	38.134	ng	99
87) Indeno(1,2,3-cd)pyrene	28.856	276	3276418m	41.705	ng	
88) Benzo(b)fluoranthene	23.968	252	2727208	41.009	ng	99
89) Benzo(k)fluoranthene	24.039	252	2615677	40.405	ng	98
90) Benzo(a)pyrene	24.874	252	2401142	41.015	ng	100
91) Dibenzo(a,h)anthracene	28.956	278	2709311	41.527	ng	99
92) Benzo(g,h,i)perylene	30.033	276	2751601	41.603	ng	99

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

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