Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140661.D
Acq On : 27 Nov 2024 11:22
Operator : RC/JU
Sample : PB165269BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 27 12:04:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165269BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81937	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	309564	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	172880	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	335256	20.000	ng	0.00
76) Chrysene-d12	14.051	240	212656	20.000	ng	0.00
86) Perylene-d12	15.545	264	172083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	644758	134.261	ng	0.01
7) Phenol-d6	6.510	99	838419	132.061	ng	0.00
23) Nitrobenzene-d5	7.434	82	549143	90.737	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	257855	139.459	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1052576	90.715	ng	0.00
79) Terphenyl-d14	12.986	244	1220883	89.397	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	87325	43.249	ng	99
3) Pyridine	3.499	79	221182	49.788	ng	98
4) n-Nitrosodimethylamine	3.446	42	120670	46.216	ng	92
6) Aniline	6.534	93	218411	48.877	ng	88
8) 2-Chlorophenol	6.663	128	260931	50.504	ng	95
9) Benzaldehyde	6.422	77	109280	32.515	ng	97
10) Phenol	6.528	94	325627	50.223	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	242296	48.836	ng	99
12) 1,3-Dichlorobenzene	6.810	146	270859	46.657	ng	99
13) 1,4-Dichlorobenzene	6.887	146	271941	46.263	ng	99
14) 1,2-Dichlorobenzene	7.040	146	263291	47.801	ng	99
15) Benzyl Alcohol	7.016	79	241323	51.256	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	295922	50.486	ng	92
17) 2-Methylphenol	7.128	107	204612	49.474	ng	98
18) Hexachloroethane	7.381	117	102177	46.541	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	181750	48.440	ng	98
20) 3+4-Methylphenols	7.281	107	267166	50.258	ng	95
22) Acetophenone	7.281	105	353162	46.795	ng	99
24) Nitrobenzene	7.457	77	286237	45.761	ng	97
25) Isophorone	7.692	82	492010	48.741	ng	100
26) 2-Nitrophenol	7.769	139	139631	50.373	ng	97
27) 2,4-Dimethylphenol	7.804	122	208219	62.782	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	298097	48.475	ng	100
29) 2,4-Dichlorophenol	8.016	162	218877	49.805	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	229213	45.681	ng	99
31) Naphthalene	8.175	128	755045	47.352	ng	99
32) Benzoic acid	7.939	122	113509	40.628	ng	99
33) 4-Chloroaniline	8.222	127	112860	23.640	ng	99
34) Hexachlorobutadiene	8.287	225	151953	45.721	ng	99
35) Caprolactam	8.598	113	70448m	51.799	ng	
36) 4-Chloro-3-methylphenol	8.716	107	245586	49.912	ng	99
37) 2-Methylnaphthalene	8.863	142	499898	49.359	ng	100
38) 1-Methylnaphthalene	8.963	142	465106	46.852	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	242742	47.963	ng	99
41) Hexachlorocyclopentadiene	9.016	237	201037	167.902	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	153735	48.409	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	166304	48.251	ng		97
46) 1,1'-Biphenyl	9.328	154	625897	48.491	ng		99
47) 2-Chloronaphthalene	9.357	162	467173	47.767	ng		99
48) 2-Nitroaniline	9.457	65	157156	50.062	ng		94
49) Acenaphthylene	9.769	152	776768	52.565	ng		100
50) Dimethylphthalate	9.628	163	570412	50.099	ng		100
51) 2,6-Dinitrotoluene	9.698	165	124046	48.038	ng		93
52) Acenaphthene	9.945	154	469623	50.017	ng		100
53) 3-Nitroaniline	9.869	138	77278	30.598	ng		94
54) 2,4-Dinitrophenol	9.980	184	120285	88.970	ng		97
55) Dibenzofuran	10.116	168	711379	49.671	ng		99
56) 4-Nitrophenol	10.045	139	165737	96.224	ng		94
57) 2,4-Dinitrotoluene	10.104	165	171788	50.057	ng		98
58) Fluorene	10.457	166	557636	48.508	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	143843	54.304	ng		94
60) Diethylphthalate	10.328	149	571522	49.405	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	273726	48.520	ng		96
62) 4-Nitroaniline	10.486	138	132572	50.049	ng		96
63) Azobenzene	10.610	77	542626	49.532	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	91952	53.673	ng		96
66) n-Nitrosodiphenylamine	10.569	169	489140	49.336	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	162836	47.163	ng		99
68) Hexachlorobenzene	11.010	284	193146	48.313	ng		99
69) Atrazine	11.098	200	160573	57.571	ng		98
70) Pentachlorophenol	11.210	266	166661	94.719	ng		100
71) Phenanthrene	11.427	178	816617	50.673	ng		99
72) Anthracene	11.480	178	827597	52.499	ng		100
73) Carbazole	11.633	167	764607	50.419	ng		100
74) Di-n-butylphthalate	11.957	149	865576	49.439	ng		99
75) Fluoranthene	12.616	202	902503	51.580	ng		99
77) Benzidine	12.739	184	240352	38.874	ng		98
78) Pyrene	12.845	202	922494	46.916	ng		100
80) Butylbenzylphthalate	13.457	149	353177	49.861	ng		99
81) Benzo(a)anthracene	14.039	228	719029	51.078	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	120844	28.592	ng		97
83) Chrysene	14.074	228	662761	51.489	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	460117	51.443	ng		99
85) Di-n-octyl phthalate	14.639	149	682003	55.795	ng		98
87) Indeno(1,2,3-cd)pyrene	17.062	276	733818	65.435	ng	#	96
88) Benzo(b)fluoranthene	15.110	252	590599	54.641	ng		98
89) Benzo(k)fluoranthene	15.139	252	453498	47.945	ng		99
90) Benzo(a)pyrene	15.486	252	484320	55.109	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	591976	64.456	ng		98
92) Benzo(g,h,i)perylene	17.515	276	450316	48.049	ng		98

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

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